



Hitec RCD Korea, Inc.  
Ochang, Cheongwon-gun,  
Chungcheongbuk-do, Korea  
Int'l Headquarter, R&D Center  
<http://www.hitecrd.co.kr>



Hitec-Multiplex Japan, Inc.  
1-30-10 1F, Nishi-Koiwa,  
Edogawa-ku, Tokyo, Japan  
Sales Headquarter for Japan  
<http://www.hitecrd.co.jp>



Hitec RCD USA, Inc.  
#12115 Paine Street. Poway,  
CA, 92064, U.S.A.  
Sales Headquarter for  
North & South America  
<http://www.hitecrd.com>



Hitec RCD Philippines, Inc.  
Lot 6 & 8, Block 24,  
Phase 4 Peza,  
Rosario, Cavite, Philippines  
Production & Logistics Center



Multiplex Modell Sport GmbH & Co.KG  
Westliche Gewerbestr. 1,  
D-75015 Bretten-Golshausen, Germany  
Sales Headquarter for European market  
Production and R&D Center  
<http://www.hitecrd.de>  
<http://www.multiplex-rc.de>



Hitec-Multiplex China, Inc.  
3F of Hong Li Bldg #1,  
24W Jinfeng Rd,  
Jinding Industrial Park,  
Tangjia, Zhuhai, China  
[www.hitecrd-china.com](http://www.hitecrd-china.com)

# Product Catalog 2011

## Our World

### Hitec Multiplex Mission Statement

Hitec Multiplex are dedicated to providing quality, affordable Radio Control hobby products everyone can enjoy.  
We will serve our customers in the same loving way we serve our families and together we shall create a higher quality of life.



Hitec RCD Korea, Inc.  
#653, Yangcheong-Ri, Ochang-Eup, Cheonwon-Gun, Chungcheongbuk-Do, Korea  
PHONE : +82-43-717-2051~2056  
FAX : +82-43-717-2190

The specifications and designs are subject to be changed without prior notice for further improvement.



# Get Hitec



## The Pioneer of Telemetric Technology

Hitec leads the industry in 2.4GHz telemetry technology, opening up a whole new world in radio control. From the affordable simplicity of the Optic 5 to our advanced, cutting-edge Aurora 9, each of Hitec's radio systems feature our Adaptive Frequency Hopping Spread Spectrum (AFHSS) technology with telemetry capability, providing you with real-time information about your model. Our specially designed telemetry system comes bundled in a variety of product packages allowing you to tailor your purchases directly to your needs. Knowing more about your model's performance will keep you in charge and improve your flying!

Explore the world of telemetry today.  
Get Smart, Get Hitec!

# Get Smart

## Become a Pure Genius with Hitec's New Telemetry Monitoring System

Take control of your aircraft like never before! Hitec's new Telemetry Monitoring System places critical information at your finger tips, relaying airborne data for position, speed, altitude, RPM, temperature, fuel levels, on-board receiver power & secondary power source voltage meter, current, and more. View your real-time performance data on the Aurora 9 touch screen AND capture the information stream with your laptop using our HPP-22 interface or HTS-NAVI.



### HTS-SS NITRO (Sensor Station for Nitro Models)

The HTS-SS NITRO is a control box between all telemetry sensors and receiver. Equipped with 8 sensor ports (4 Temp, 2 RPM, 1 GPS and 1 Fuel Gauge) along with 1 data port for telemetric Optima 7 & 9 receiver.  
Stock# 55832



### HTS-SS BLUE (Sensor Station for Electric Models)

Collect all data from each sensor of your electric powered aircraft sending it back to your transmitter via the Optima 7 or Optima 9 omni-directional receivers.  
Stock# 55849



### HPP-22 Interface

The HPP-22 is the perfect companion to the Hitec 2.4GHz system and our 2.4GHz radios. The versatile HPP-22 can be used to program your radio, Spectra 2.4 Module or Optima series of receivers. Other features allow you to save the setup data to your PC and update the software and firmware.  
Stock# 44470



### HTS-NAVI

The HTS-NAVI allows you to wirelessly transmit data back to your PC. You can display essential telemetry information on your PC without the need for cables.  
Stock# 29701



### HTS-VOICE

HTS-VOICE is another Hitec's revolutionary voice announcing system, which will read out the current status of your model while you are on the fly via speaker or earphone.  
Stock# 55841

Stock #55830  
HTS-SS NITRO FULL COMBO  
1 x Sensor Station, 2 x RPM (O & M),  
4 x TEMP, 1 x GPS, and 1 x FUEL

Stock #55831  
HTS-SS NITRO O-RPM COMBO  
1 x Sensor Station, 1 x O-RPM, and 2 x TEMP

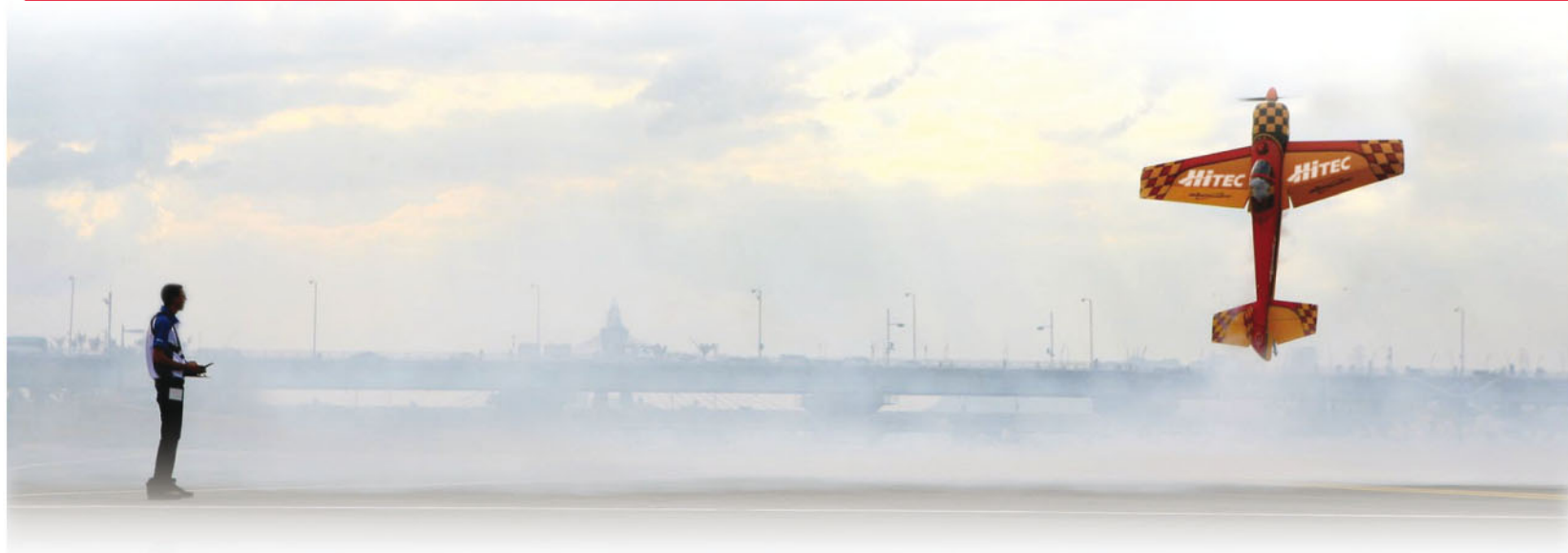
Stock #55845  
HTS-SS NITRO M-RPM COMBO  
1 x Sensor Station, 1 x M-RPM, and 2 x TEMP

Stock #55846  
HTS-SS BLUE FULL COMBO  
1 x Sensor Station, 2 x RPM (O & M),  
4 x TEMP, 1 x GPS, 1 x C50, 1 x C200, and 1 x VOLT

Stock #55847  
HTS-SS BLUE C50 COMBO  
1 x Sensor Station, 3 x TEMP, 1 x C50, and 1 x VOLT

Stock #55848  
HTS-SS BLUE C200 COMBO  
1 x Sensor Station, 3 x TEMP, 1 x C200, and 1 x VOLT





\*EZ-View Mode is available on the Aurora 9 v1.08(0)



#### HTS-GPS (GPS Sensor)

This is the world first Omni-directional Cubic GPS Antenna improving bad directivity of conventional GPS solution. Also, HTS-GPS provides 0.5sec refresh time to obtain updated GPS information more frequently by Turbo Boosted GPS connection.

By monitoring all kinds of GPS information like Direction, Speed, Altitude, Latitude, Longitude, Distance and Trajectory, the HTS-GPS will be the best option for your any kind of dynamic R/C aircraft.

Stock# 55836



#### HTS-FUEL (Fuel Level Sensor)

Check fuel level of your nitro/ powered aircraft simple. No modification is ever needed, simply stick the Fuel sensing sticker on the outer wall of fuel tank and plug the connector to your HTS-SS sensor station, and fly with Aurora 9. Now, you can monitor your aircraft fuel level in real-time.

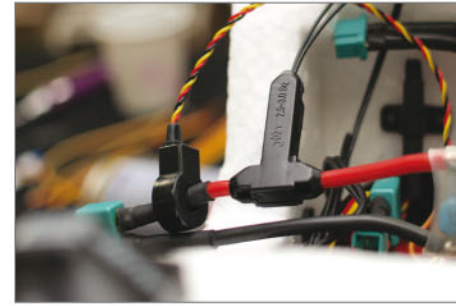
Stock# 55835



#### HTS-TEMP (Temperature Sensor)

Specially designed silicone tube for HTS-TEMP sensors allow you to measure from -40°C to 240°C (-40°F to 464°F). Applicable to your engine, muffler, battery, ESC, and batteries etc. to detect their abnormal temperature changes.

Stock# 5581

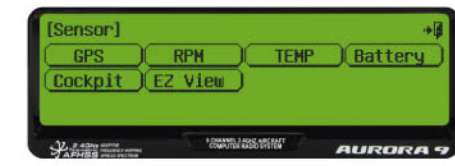
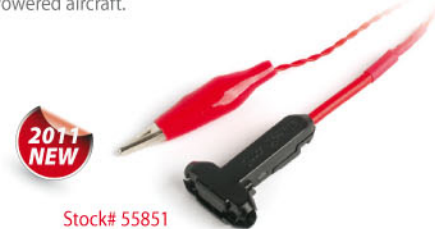


#### HTS-VOLT (Voltage Sensors)

The T-connector can be installed anywhere securely to measure voltage status of your model. Basic telemetry function is already available for receiver's battery (on-board battery) status monitoring, but this additional voltage meter (measures upto 100V) function can be found useful for most of the Electric Powered aircraft.

2011 NEW

Stock# 55851



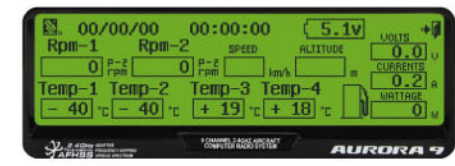
New Menu "EZ-View" can be found after v1.08(0) Upgrade



GPS Information Display Screen Shot on EZ-View\*



VOLT & Current Information Display Screen Shot EZ-View\*



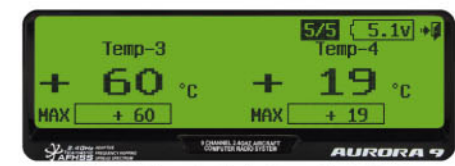
New "Cockpit View" Screen Shot (v1.08(0) Upgrade Required)



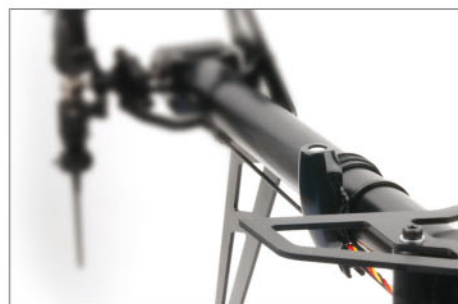
RPM Information Display Screen Shot EZ-View\*



TEMP 1 & 2 Information Display Screen Shot EZ-View\*



TEMP 3 & 4 Information Display Screen Shot EZ-View\*



#### HTS-RPM (RPM Sensor)

Have you ever wondered if your engine idling is unstable, or RPM too high that engine may blow up? We prepared two types of RPM Sensors for your aircraft's RPM measurement.

##### O-RPM (Optical RPM Sensor) :

World first optical RPM sensor for R/C application, easy to install and measure your aircraft's RPM. Optimized for helicopters.

##### M-RPM (Magnetic RPM Sensor) :

More accurate RPM measurement for all aircrafts using props.

Stock# 55842  
M-RPM

Stock# 55833  
O-RPM



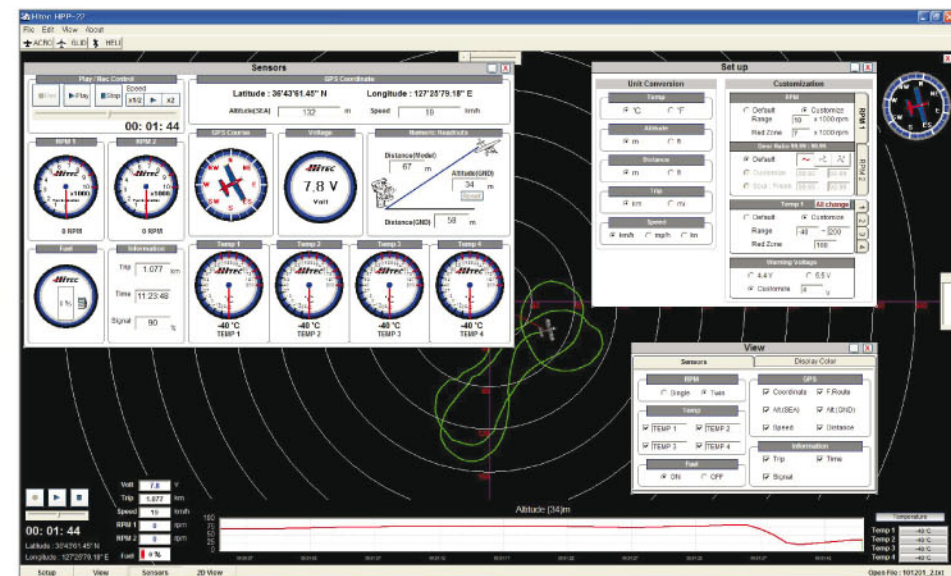
#### HTS-C50/C200 (Current Sensors)

HTS-C50 and C200, the current sensor, are exclusively designed to measure highly accurate current status of your R/C models. These sensors are divided into two types, C50 for delicate sensing (0.01Amp per unit) and C200 for high current sensing (1Amp per unit). Choose the one suitable for your purpose. This small sensors are incredibly accurate, you can expect the same or even better performance from the industrial grade current testers.

2011 NEW

Stock# 55855 (C200)

Stock# 55850 (C50)



HPP-22 PC Program v1.04(1)



# 2.4GHz Receivers & Transmitter Modules



Since 1983, Hitec has been providing hobbyists with the latest technology at an affordable price. That mission continues today with our advanced 2.4GHz Adaptive Frequency Hopping Spread Spectrum technology. Effectively converting our existing Hitec module radios to 2.4GHz, this innovative system features full telemetry capabilities and our exclusive Boosted Omni-Directional Antenna receiver setup.

## SPECTRA 2.4

- AFHSS 2.4GHz Telemetry Module
- All Hitec Module Type Transmitters and Futaba 9C / 9Z Series Compatible
  - Versatile Telemetric Data Port (w/ Optional Sensors)
  - Scan Function Selectable
  - Size : 37.5 X 59 X 22.4mm
- Stock# 28315



## SPECTRA 2.4J

- AFHSS 2.4GHz Telemetry Module
- JR Type Transmitter Compatible
  - Versatile Telemetric Data Port (w/ Optional Sensors)
  - Scan Function Selectable
  - Size : 63.4 x 48.5 x 26mm
- Stock# 29537



## OPTIMA 6

- Full Range AFHSS 2.4GHz 6ch Receiver
- BODA (Boosted Omni-Directional Antenna) Applied
  - Supplementary Power Connection (SPC)
  - Fail-Safe / Hold Function
  - Size : 46.15 X 21.42 X 11.1mm
  - Weight : 15g
- Stock# 28410



## OPTIMA 7

- Full Range AFHSS 2.4GHz 7ch Receiver
- Telemetry Capabilities
  - BODA (Boosted Omni-Directional Antenna) Applied
  - Supplementary Power Connection (SPC)
  - Fail-Safe / Hold Function
  - Size : 57 x 21 x 11.4mm
  - Weight : 17g
- Stock# 28414



## OPTIMA 9

- Full Range AFHSS 2.4GHz 9ch Receiver
- Telemetry Capabilities
  - Dual-BODA Applied for Diversity & Added Securities
  - Supplementary Power Connection (SPC)
  - Fail-Safe / Hold Function
  - Size : 47.95 X 28.5 X 15.35mm
  - Weight : 22g
- Stock# 28425



## OPTIMA 6 LITE

- Full Range AFHSS 2.4GHz 6ch Light Weight Receiver
- BODA (Boosted Omni-Directional Antenna) Applied
  - Supplementary Power Connection (SPC)
  - Fail-Safe / Hold Function
  - Size : 44.9 X 18.4 X 7.4mm
  - Weight : 9.4g
- Stock# 29438



## MINIMA 6T

- Full Range 2.4GHz 6CH Micro Receiver.
- Dual M-BODA (Dual Mini Boosted Omni-Directional Antenna) Diversity.
  - Fail-Safe / Hold Function
  - Wide Operating Voltage: 4.8 - 8.4 volts
  - Dimensions : 30.4 x 20.8 x 7.11 mm
  - Weight : 6.5 g
- Stock# 26610



## MINIMA 6E

- Full Range 2.4 GHz 6CH Micro Receiver.
- Dual M-BODA (Dual Mini Boosted Omni-Directional Antenna) Diversity.
  - Fail-Safe / Hold Function
  - Wide Operating Voltage: 4.8 - 8.4 volts
  - Dimensions: 31.7 x 20.8 x 10.9 mm
  - Weight: 6.5 g
- Stock# 26612



Get a Combo Pack at a More Attractive Price!

- 6CH 2.4GHz Combo A : Stock# 29411**  
Optima 6 Receiver + SPECTRA 2.4 Module  
**6CH 2.4GHz Combo B : Stock# 29422**  
2 X Optima 6 Receivers+ SPECTRA 2.4 Module

- 7CH 2.4GHz Combo A : Stock# 29412**  
Optima 7 Receiver + SPECTRA 2.4 Module

- 7CH 2.4GHz Combo B : Stock# 29424**  
2 X Optima 7 Receivers+ SPECTRA 2.4 Module

- 9CH 2.4GHz Combo A : Stock# 29415**  
Optima 9 Receiver + SPECTRA 2.4 Module  
**9CH 2.4GHz Combo B : Stock# 29430**  
2 X Optima 9 Receivers + SPECTRA 2.4 Module

- Optima Triple Combo**  
Optima 6 Triple Combo : Stock # 29431  
Optima 7 Triple Combo : Stock # 29432  
Optima 9 Triple Combo : Stock # 29433

- Minima Triple Combo**  
Minima 6T Triple Combo : Stock # 26611  
Minima 6E Triple Combo : Stock # 26613

# Eclipse 7 Pro 2.4

A longtime favorite among Hitec customers has returned with a face lift and numerous upgraded features. The Eclipse 7 Pro has a high intensity white backlit LCD screen, ergonomically positioned, back panel slider, ultra-smooth quad-ball bearing gimbals, intuitive control switches, built-in telemetry and a one-way AFHSS 2.4GHz system. It offers specific programming for fixed wing, glow, gas or electric planes, helicopters and sailplanes. With 16-model maximum storage and an array of telemetric functions including sensor monitoring and on-board receiver low battery warning, the Eclipse 7 Pro is your next feature-packed radio.

## FEATURES

- 7Channel 2.4GHz Telemetric System
- 3 Model Types(ACRO/GLID/HELI) Programming
- 16 Model Memory
- Highly Sensitive 8 Ball-Bearing Gimbals
- Easy to Read LCD with Backlight
- Back-mounted Sliders for Easy Access
- Range Check Mode
- Auto-Assign Control Switch
- Sensor Monitoring and RX Low Battery Warning
- Stick Mode Change
- Digital Trims
- 7 Character Model Naming
- Three Conditional Mixes per Model Memory
- Model Copy
- Sub Trims
- Low TX Battery Warning
- Two Types Flight timer and Alarm
- End Point Adjustments for All Channels
- Five Programmable Mixes
- All Channel Servo Reversing
- Dual Rates on Channel 1,2 and 4
- Exponential Rates on Channels 1,2 and 4
- Data Reset to Defaults
- Throttle Cut Switch
- Auto Engine Cut Switch
- Engine Hold
- Trainer



## ECLIPSE 7 PRO 2.4GHz

2.4GHz 7 Channel Digital Radio Control System

"Telemetry Function in Action on Eclipse 7 Pro"

### ACRO PROGRAMMING

- Landing Mix
- Flap Trim Adjust
- Aileron to Rudder Mix
- Elevator to Flap Mix
- Flap to Elevator Mix
- Elevon Mix
- V-Tail Mix
- Ailvator Mix
- Flaperon Mix
- Aileron Differential
- Snap-Roll

### HELI PROGRAMMING

- Throttle Cut
- Rudder to Throttle Mix
- 2 Idle-up, 1 Throttle Hold
- 5 Point Throttle Curve
- 5 Point Pitch Curve
- Gyro Gain Adjust
- Revolution Mix
- Hovering Pitch Knob
- Hovering Throttle Knob
- Engine Lock Switch
- 4 Swash Type (90°, 120°, 140°, 180°)

### GLIDER PROGRAMMING

- 2 servo Wing Mode
- Camber Mix
- Aileron Differential
- V-Tail Mix
- Elevator to Flap Mix
- Aileron to Rudder Mix
- Flap to Aileron Coupling
- Flap to Elevator Coupling
- Flap to Aileron Trim
- 4 servo Wing Mode
- Same as Above Plus:
- Crow Mix
- Aileron to Dual Flap Trim
- Aileron to Dual Coupling
- Dual Flap to Aileron Trim
- Aileron to Flap Coupling

### 4 SERVO WING MODE

- Same as Above Plus:
- Crow Mix
- Aileron-Dual Flap Trim
- Aileron-Dual Flap Coupling
- Dual Flap-Aileron Trim
- Aileron-Flap Coupling

- Stock# 173242  
**2.4GHz Standard Version (w/ 7CH Receiver)**  
Transmitter, Four HS-5485HB Digital Servos and 7channel Optima 7 2.4GHz Receiver, With Rechargeable Transmitter & Receiver Batteries and AC Charger

- Stock# 173240  
**2.4GHz Transmitter & 7CH Receiver Only Version**  
Transmitter and 7channel Optima 7 2.4GHz Receiver, With Rechargeable Transmitter Battery and AC Charger

- Stock# 173241  
**2.4GHz Transmitter & two 7CH Receiver Only Version**  
Transmitter and two 7channel Optima 7 2.4GHz Receiver, With Rechargeable Transmitter Battery and AC Charger



Backlit LCD



Back Mounted Slider Knob



# ENDLESS EVOLUTION

## AURORA 9

Since its birth in 2009, Aurora 9 has hit the market with its unique & innovative features including full telemetry monitoring system, touch screen interface, all assignable switches and high precision quad ball bearing gimbals. Among a lot of benefits of Aurora 9, the most remarkable thing which has attracted people is that Aurora 9 is "progressing" radio through constant updates adding specific functions & features. Most of the ideas come from our customers using Aurora 9 worldwide, and we would like to thank you for all great ideas given to us. The evolution of Aurora 9 will be continued in year 2011.

### BASIC FEATURES

- AFHSS 2.4GHz / PPM / PCM Compatible (PPM/PCM with Spectra Pro Module) (PPM/2.4GHz version to be released first. PCM version later.)
- Easy to Read, Easy Accessible 5.1 Inch Wide Touch LCD with Backlight (320 x 80 Pixel)
- Customizable Menu
- One-Stop Model Type Setting
- 3 Multi-Tasking Digital Trims
- Fully Assignable Control Switch, Knob, Stick and Digital Trims
- Ultra Smooth Quad Ball-Bearing Gimbals
- Full-Sized Comfortable Hand Grip (Top Quality Elastomer)
- Selectable 4 Different Control Stick Mode (Plus, 2 Additional Manual Modes (Software))
- Super-Easy Gimbals Mode Change(Hardware) / Tension Adjustment
- Power Management System (Adjustable Backlight & Auto Shut-off Time)
- Digital Trim NANO-Adjuster (200 Adjustable Trim Steps) (Approx. 0.025deg ~ 5deg / Step)



5.1 inch Backlit Touch Screen LCD



Ultra Smooth Quad Ball-Bearing Gimbals



Hitec AFHSS 2.4GHz/ PPM/QPCM Compatible



Super-Easy Gimbal Mode Change / Tension Adjustment



Full-Sized Comfortable Hand Grip

# AURORA 9

9 CHANNEL 2.4GHz AIRCRAFT COMPUTER RADIO SYSTEM



### STANDARD PROGRAMMING

- 9 Assignable Control Channels
- 3 Model Types (ACRO/GLID/HELI) Programming
- 30 Model Memories
- 20 Character model name
- 8 Flight Conditions with 10 Characters
- Fail-safe
- Channel Function
- EPA
- Dual Rate & EXP **24R**
- Sub-Trim
- Servo Reverse
- Servo Speed (Up to 25 sec in Each Direction) **24R**
- Servo Monitor (Monitor & Servo Test)
- 8 Programmable Mixes (5 x 2-Point, 3 x 7-Point Curves) **8R**
- Trainer

### ADVANCED ACRO PROGRAMMING

- 9 Wing Type (6 Main Wings, 3 Flying Wings)
- 5 Tail Type (Main Wing: Normal, V-Tail, Ailevator) (Flying Wing: 1 Servo Rudder, 2 Servo Rudders)
- Quick Model Options Select (Dual Engine, Retracts gear, Airbrake, Fuel mixture)
- 7 Point Throttle Curve **24R**
- Throttle Cut
- Idle Down
- Fuel Mixture **24R**
- Airbrake
- Airbrake to Elevator Mix **8R**
- Aileron to Rudder Mix **8R**
- Elevator to Camber Mix **8R**
- Rudder to Aileron Mix **8R**
- Aileron Differential **24R**
- Aileron to Flap Mix **8R**
- Camber Mix **8R**
- Flap Control **24R**
- 3 x Gyro Sensitivity (ex: AILE/ELEV/RUDD) **24R**
- Snap-Roll (4-Way Switching Multi Direction) **8R**
- V-Tail **8R**
- Delta Mix **8R**
- Ailevator **8R**

### ADVANCED GLIDER PROGRAMMING

- 9 wing Type (6 Main Wings, 3 Flying Wings)
- Five Tail Type (Main Wing: Normal, V-Tail, Ailevator) (Flying Wing: 1 Servo Rudder, 2 Servo Rudders)
- Quick Model Options Select (Motor, Retracts Gear, Airbrake)
- Motor Control (Switch on/off) **8R**
- Airbrake
- Airbrake to Elevator Mix **8R**
- Aileron to Rudder Mix **8R**
- Elevator to Camber Mix **8R**
- Rudder to Aileron Mix **8R**
- Aileron Differential **24R**
- Aileron to Flap Mix **8R**
- Launch (Stick Position Auto Cut Function) **8R**
- Camber Mix **8R**
- Flap Control **24R**
- 3 x Gyro Sensitivity (ex: AILE/ELEV/RUDD) **24R**
- Butterfly **8R**
- V-Tail **8R**
- Delta Mix
- Ailevator **8R**

### ADVANCED HELI PROGRAMMING

- 6 Swash Type
- 90° Type: 1 Servo, 3 Servos, 4 Servos
- 120° Type: 3 Servos
- 140° Type: 3 Servos
- 180° Type: 2 Servos
- Quick Model Options Select (Governor, Needle Control, Fuel Mixture)
- 7 Point Pitch Curve **24R**
- 7 Point Throttle Curve **24R**
- Throttle Cut
- Gyro Sensitivity **24R**
- Needle Control **24R**
- Swash to Throttle Mix **24R**
- Rudder to Throttle Mix **24R**
- Fuel Mixture **24R**
- Throttle Hold **8R**
- Swash Mix (Swash Rate/Calibration) **8R**
- Revolution Mix **24R**
- Governor (Three Rates) **24R**

### Stock# 191246

2.4GHz Standard Version (w/ 7ch Receiver) Transmitter, Four HS-5485HB Digital Servos and 7channel Optima 7 2.4GHz Receiver, With Rechargeable Transmitter & Receiver Batteries and AC Charger

### Stock# 191244

2.4GHz Transmitter & 7ch Receiver Only Version Transmitter and 7channel Optima 7 2.4GHz Receiver, With Rechargeable Transmitter Battery and AC Charger

### Stock# 191240

2.4GHz Standard Version (w/ 9ch Receiver) Transmitter, Four HS-5485HB Digital Servos and 9channel Optima 9 2.4GHz Receiver, With Rechargeable Transmitter & Receiver Batteries and AC Charger

### Stock# 1912406

2.4GHz Premium Version (w/ 9ch Receiver) Transmitter, Four HS-7965MG Digital Servos and 9channel Optima 9 2.4GHz Receiver, With Rechargeable Transmitter & Receiver Batteries and AC Charger

### Stock# 191242

2.4GHz Transmitter & 9ch Receiver Only Version Transmitter and 9channel Optima 9 2.4GHz Receiver, With Rechargeable Transmitter Battery and AC Charger

**24R** Extendable to Max. 24-Rates by 8-Flight Conditions & 3-Switch Positions

**8R** Extendable to Max. 8-Rates by 8-Flight Conditions

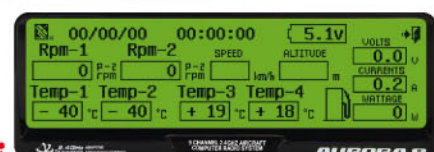
**3R** Extendable to Max. 3-Rates by 3-Switch Positions



Home Screen  
Everything you need at your fingertips



Model Type Selection Screen  
Choose from 3 types of model programming



Cockpit View Screen  
No more guess, see the necessary information in real-time



**2011  
NEW**



# OPTIC SERIES

**2.4GHz ADAPTIVE  
Telemetric FREQUENCY HOPPING  
AFHSS SPREAD SPECTRUM**

## Optic 5 2.4

The Optic 5 is Hitec's most affordable & simple radio equipped with built-in AFHSS 2.4GHz technology, preprogrammed mixes, and super simple plug and fly link system. All this features are perfect match for all the beginners needs.

### FEATURES

- AFHSS 2.4GHz 5-Channel Aircraft Radio
- 1024 Resolution
- High Precision Quad Ball Bearing Gimbals
- Digital Trim with Beep Sound
- All Channel Servo Reversing
- 5th Channel AUX Switch for Retracts or Engine Cut
- Elevon Mixing (Ch.1 & 2)
- V-Tail Mixing (Ch.2 & 4)
- ATV on Channels 1 & 2
- Trainer Function (Slave Only)

### Stock# 160240

Optic 5 2.4GHz Transmitter and Receiver Combo Transmitter and Minima 6T Receiver

### Stock# 160241

Optic 5 2.4GHz Transmitter and Receiver Combo Transmitter and Minima 6E Receiver

## Optic 6 Sport 2.4

The Optic 6 Sport is Hitec's solution for entry to mid class flyers. Featuring Hitec's 2.4GHz AFHSS pure digital technology, the Optic Sport has 10-model memory for your favorite glow and electric planes, gliders or helicopters. The easy-to-use Optic 6 Sport offers sophisticated programming beyond any radio in its class. With three different configurations to select from, there is an Optic Sport system that is perfect to outfit your next model.

### STANDARD PROGRAMMING

- 10 Model Memory
- Throttle Cut or Trainer
- Three Flight Condition
- Exponential (ch1,2&4)
- Dual Rates (ch1,2&4)
- Mode Change (Mode1/2)
- EPA-Servo Reverse
- Sub Trim / -Data Reset
- Model Select / -Shift Select
- One P-Mix / -Timer

### HELI ROGRAMMING

- Swash Select (120°CCPM / 90°Mechanical)
- Rudder-Throttle Mix
- 5 Point Throttle Curve
- 5 Point Pitch Curve
- Throttle Hold
- Revo Mix
- Gyro Gain
- 1 Nor and 2 Idle-ups

### GLIDE PROGRAMMING

- Aileron Differential
- V-Tail Mix
- Aileron-Rudder Mix
- Elevator-Flap Mix
- Crow Mix
- Camber or Reflex
- Throttle Location

### ACRO PROGRAMMING

- Flaperon Mix
- Elevon Mix
- V-Tail Mix
- Aileron-Rudder Mix
- Elevator-Flap Mix
- Camber or Reflex

### Stock# 159240 : TX & RX Only Version

Transmitter, OPTIMA 6 Receiver, With Rechargeable Transmitter Battery and AC Charger

### Stock# 159241 : TX & Two RX Version

Transmitter, Two OPTIMA 6 Receivers, With Rechargeable Transmitter Battery and AC Charger

### Stock# 159242 : Standard Version

Transmitter, Four HS-325HB Ball Bearing Servos and OPTIMA 6 Receiver, With Rechargeable Transmitter & Receiver Batteries and AC Charger

### Stock# 159243 : Electric Standard Version

Transmitter, Three HS-81 Servos, OPTIMA 6 Receiver, With Rechargeable Transmitter Battery and AC Charger

### Stock# 159244 : Electric Micro Version

Transmitter, Three HS-55 Feather Servos, OPTIMA 6 Receiver, With Rechargeable Transmitter Battery and AC Charger

\*Also available in conventional frequency model  
**Stock# 159XX (XX=Frequency)**

## Optic 6 2.4

Hitec's popular Optic 6 is available with our 2.4GHz AFHSS technology. Loaded with programming features for power planes, gliders and helicopters, the Optic 6 boasts an 8-model memory, assignable switches, two proportional sliders and dual timer function. The Optic 6 is capable of flying just about anything needing 6 channels or less.

### STANDARD PROGRAMMING

- 8 Model Memory
- EPA
- Servo Reverse
- Sub Trim
- Exponential (ch1, 2, & 4)
- Dual Rates (ch1, 2, & 4)
- PPM/Q-PCM/2.4GHz
- Fail Safe (Q-PCM Only)
- Model Name / - Model Reset
- Model Copy / - Model Select
- Shift Select / - 2 P-mixes
- Throttle Cut / - Trainer

### ACRO/GLIDE PROGRAMMING

- Aileron Differential Mix
- Landing Mode Mix
- Flaperon Mix
- Elevon Mix
- V-Tail Mix
- Ailervator (Dual Elevator) Mix
- Aileron-Rudder Mix
- Elevator-Flap Mix
- Two P-Mixes Mix
- Crow Mix
- Camber or reflex

### HELI ROGRAMMING

- 120 CCPM and 90 Mechanical
- Rudder-Throttle
- 5 Point Throttle Curve
- 5 Point Pitch Curve
- Throttle Hold
- Revo Mixing
- Swash Select
- Gyro Gain
- 1 NOR and 2 Idle-ups

### EXCITING FEATURES

- Slider Switch
- Dual Trimmers
- Assignable Switches
- Ergonomic Case Design
- Full trailing edge camber and reflex
- Ailervator (Dual Elevator)

### Stock# 1582410 : 6CH Standard Version

Transmitter, Four HS-325HB Ball Bearing Servos and OPTIMA 6 Receiver, With Rechargeable Transmitter & Receiver Batteries, and AC Charger

### Stock# 1582411 : 6CH TX & RX Only Version

Transmitter, OPTIMA 6 Receiver, With Rechargeable Transmitter Battery, and AC Charger

### Stock# 1582412 : 6CH TX & Two RX Version

Transmitter, Two OPTIMA 6 Receivers, With Rechargeable Transmitter Battery, and AC Charger

### Stock # 158240 : 7CH Standard Version

Transmitter, Four HS-325HB Ball Bearing Servos and OPTIMA 7 Receiver, With Rechargeable Transmitter & Receiver Batteries, and AC Charger

### Stock # 158241 : 7CH TX & RX Only Version

Transmitter, OPTIMA 7 Receiver, With Rechargeable Transmitter Battery, and AC Charger

### Stock # 158243 : 7CH TX & Two RX Version

Transmitter, Two OPTIMA 7 Receivers, With Rechargeable Transmitter Battery, and AC Charger

\*Also available in conventional frequency model  
**Stock# 158XX (XX=Frequency)**

### OPTIC SERIES FEATURE COMPARISON

	OPTIC 6	OPTIC 6 SPORT 2.4
<b>FEATURES</b>		
Flight Models	ACRO/GLID/HELI	ACRO/GLID/HELI
Channels	6	6
Model Memories	8	10
Modulation	2.4GHz/PPM/QPCM	2.4GHz
Endpoint Adjustment	All Channels	All Channels
Servo Reverse	All Channels	All Channels
Sub Trim	All Channels	All Channels
Exponential Rate	ch1,2 & 4	ch1,2 & 4
Dual Rates	ch1,2 & 4	ch1,2 & 4
Trainer	Yes	Yes
Shift Select	Yes	Yes
Engine Lock	Yes	Yes
Stick Mode Change	Mode1 / 2	Mode1 / 2
Switch Assignability	Yes	None
Model Name	7 Character	None
Model Copy	Yes	None
Integrated Timer	Yes	None
Timer	Dual	Single
LCD Display	62mm x 31mm	49mm x 25.5mm
Fail-Safe	Yes	Yes
Operated Voltage	9.6v	7.2v
Spectra Module Capable	Yes	Built-in
<b>ACRO Programming</b>		
Flaperon Mix	Yes	Yes
Elevon Mix	Yes	Yes
V-Tail Mix	Yes	Yes
Aileron-Rudder Mix	Yes	Yes
Elevator-Flap Mix	Yes	Yes
Camber or Reflex	Yes	Yes
Throttle Cut	Yes	Yes
Program Mixes	2	1
Ailervator (Dual Elevator) Mix	Yes	None
Flap Trim	Yes	None
Landing	Yes	None
Flap/Flap Trim Control Knobs	Yes	None
<b>HELI Programming</b>		
Swash Type	120°/ 90°	120°/ 90°
Rudder-Throttle Mix	Yes	Yes
Throttle Curve	5 Point	5 Point
Pitch Curve	5 Point	5 Point
Throttle Hold	Yes	Yes
Revolution Mix	Yes	Yes
Gyro Gain	Nor/Idle-1/Idle-2/Hold	Nor/Idle-1/Idle-2/Hold
Flight Modes	Nor/Idle-1/Idle-2/Hold	Nor/Idle-1/Idle-2/Hold
Throttle Cut	Yes	Yes
Horver Throttle/Pitch Control Knob	Yes	None
<b>GLID Programming</b>		
Aileron Differential	Yes	Yes
V-Tail Mix	Yes	Yes
Aileron-Rudder Mix	Yes	Yes
Elevator-Flap Mix	Yes	Yes
Crow Mix	Yes	Yes
Camber or Reflex	Yes	Yes
Throttle Location	Yes	Yes
Program Mixes	2	1
Crow Mix/Flap Trim Control Knobs	Yes	None





DIRECT SEQUENCE SPREAD SPECTRUM TECHNOLOGY

## 2.4GHz DSSS System

Hitec is proud to introduce our 2.4GHz DSSS (Direct Sequence Spread Spectrum) System for Hitec Module based surface system radios. For our surface system we chose the DSSS technology to keep the conversion simple and easy, as well as to lower the conversion cost while providing a rock solid link between a transmitter and a receiver. The Spectra 2.4DS and world's smallest sized Atom 3 receiver package is capable of converting existing module based radios to the latest spread spectrum technology.



Spectra 2.4DS  
2.4GHz DSSS Module  
Stock# 28724



Atom 3  
3 Channel 2.4GHz Receiver  
Dimension : 31.2x 19.0 x 11.98  
Weight : 6.8g  
Stock# 29324

### Spectra 2.4DS & Atom 3 Combo

- Stock#29524 : Spectra 2.4DS & 1 x Atom 3 3ch surface receiver Combo
- Stock#29534 : Spectra 2.4DS & 2 x Atom 3 3ch surface receivers Combo
- Stock#29328 : 2 x Atom 3 3ch surface receivers Combo

## Aggressor SRX Pro

Looking for a feature-packed radio for your car or boat? Look no further! Our Aggressor SRX Pro three-channel pistol grip computer radio system is a great upgrade from the stock radio systems available with most RTR packages. Easy to install, the SRX utilizes our 2.4GHz Direct Sequence Spread Spectrum technology for a "rock solid" signal. With ten-model memory and four-character model naming, the SRX Pro is the only radio you need for your whole fleet of cars, trucks, buggies and boats.

### FEATURES

- Hitec 2.4GHz DSSS System
- 2- Speed Menu Scrolling
- Shift or Linear Dual-Mode 3rd Channel
- 7ms High Response Mode (14ms Normal)
- Progressive Spring Steering Brake Lever Travel Limiter
- Steering Wheel Tension Adjust
- Transmitter Battery Charging Jack
- 3-Channel DSSS Micro Receiver 10-Model Memory
- 4-Character Model Naming
- Brake ATL Switch

### PROGRAMMABLE FEATURES

- Adjustable Steering, Brake & Acceleration Rates
- Steering and Throttle Exponential Rates
- Sub Trims for Quick & Easy Set-Up
- Dual Rate Steering
- End Point Adjustments
- Servo Reversing
- Idle Up
- Timer

### Stock# 130241

Standard Version  
Aggressor SRX Transmitter,  
Spectra 2.4DS Module,  
Atom 3 Receiver, 1 x HS-325BB Servo,  
W/O Batteries or Charger

### Stock# 130242

Transmitter & Receiver Only  
Aggressor SRX Transmitter, Spectra 2.4DS Module,  
and Atom 3 Receiver W/O Batteries or Charger

### Stock# 130245

Transmitter & Two Receiver Only  
Aggressor SRX Transmitter, Spectra 2.4DS Module,  
and Two Atom 3 Receivers W/O Batteries or Charger



## Aggressor 3FM Aggressor 2AM

### FEATURES

- Ergonomically Designed 3 Channel Pistol Grip FM Radio
- Servo Reversing (Channels 1 & 2)
- End Point Adjustments (EPA) for Steering and Throttle
- Dual Rate Steering (Adjustable on the Fly)
- 3rd Channel Push Button for Shifting
- 3 LED Battery Status Indicators
- Audible Power Indicator
- Interchangeable Rubber Grip Pads in Two Sizes
- Assorted Colored Grip Pads and Tuning Covers for Personalizing Your Radio
- Foam Steering Wheel for Comfortable Control
- Charging Jack for Optional Rechargeable Batteries
- 3 Channel FM Micro Receiver
- Receiver Dry Battery Holder

### Stock #126XX (XX=Frequency)

Transmitter, 3 Channel HFS-03MT FM Receiver,  
1 x HS-325HB Delux Servos, Supplied "dry"  
without Transmitter or Receiver Batteries (AA Battery Box)

### FEATURES

- Ergonomically Designed 2 channel Pistol Grip AM Radio
- Servo Reversing (All channels)
- Dual Rate Steering (Adjustable on the Fly)
- 3 LED Battery Status Indicators
- Interchangeable Rubber Grip Pads to Two Sizes
- Assorted Colored Grip Pads and Tuning Covers for Personalizing Your Radio
- Foam Steering Wheel for Comfortable Control
- Charging Jack for Optional Rechargeable Batteries
- Receiver Dry Battery Holder

### Stock #125XX (XX=Frequency)

Transmitter, 2 Channel AM Receiver,  
2 x HS-311 Standard Servos, Supplied "dry"  
without Transmitter or Receiver Batteries (AA Battery Box)

## Aggressor 3DS

Aggressor 3DS 2.4GHz DSSS is Hitec's one of the most affordable surface radio control 2.4GHz systems. Unlike other low cost entry level systems we've loaded the 3DS with features such as Dual Rate Steering, Servo Reverse, Throttle/Steering End Point Adjustments, and 3rd Channel that can be used for Shifting.

### FEATURES

- Hitec 2.4GHz DSSS System
- Servo Reversing (Ch1 & 2)
- EPA (End Point Adjustment) for Steering and Throttle
- Dual Rate Steering (Adjustable on the Fly)
- 3rd Channel Push Button for Shifting
- 3 LED battery Status Indicators
- Audible Power Indicator
- Interchangeable Rubber Grip Pads in Two Sizes
- Optional Assorted Colored Grip Pads and Tuning Cover for Personalization
- Foam Steering Wheel for Comfortable Control
- Charging Jack for Optional Rechargeable Batteries

### Available Models

Stock# 126241 : Standard Version  
Transmitter, Atom 3 Receiver, 1 x HS-325BB Servo  
\* Batteries and Chargers are excluded

Stock# 126240 : Transmitter & Receiver Only Version  
Transmitter, Atom 3 Receiver Only  
\* Batteries, Chargers, and Servos are excluded

Stock# 126242 : Transmitter &  
Two Receivers Version Transmitter,  
2 x Atom 3 Receivers  
\* Batteries, Chargers,  
and Servos are excluded





# Aggressor CRX 2.4 / FM

The competition-ready Aggressor CRX 2.4GHz computer pistol grip radio system features a 20 model memory, high definition graphic LCD display, digital trims, push button third channel for shifting, and an easy-to-program user interface anyone ever needed. The CRX is sure to be a hit with racers while still keeping the sport user in mind.

## FEATURES

- Ergonomically Designed 3 Channel Pistol Grip 2.4GHz Computer Radio
- Progressive / Dual Rate Steering
- High Definition/Multi-Pixel LCD Display
- Brake ATL Switch
- Brake Lever Travel Limiter
- Steering Wheel Tension Adjustment
- Trim Center Audible Verification
- Third Channel "Shifting" Button
- Transmitter Low Battery Alarm
- Third Channel "Linear" Digital Trim
- Foam Steering Wheel for Comfortable Control
- Interchangeable Assorted Color Rubber Grip Pads in Two Sizes
- Transmitter Charging Jack for Included Rechargeable Batteries
- Digital Trims
- RF Indicator Light
- Two-Speed Menu Scrolling
- Total Transmitter "On" Time Timer

## PROGRAMMABLE FEATURES

- Model Naming (6 Characters)
- Model Select (20 Models)
- Sub-Trims
- 3rd CH Switch Set (Shift, Linear)
- EPA (End Point Adjustment)
- Steering and Throttle Exponential Travel
- ABS (Anti-Lock Braking) Control
- Steering to Aux / Throttle to Aux Mixing
- Timer (Up/Down)
- Servo Reversing
- Model Copy

**Stock#12740 :** Standard Version Transmitter, 3channel Atom 3 Receiver, 1 x HS-325HB Servo, Transmitter Battery and AC Charger

**Stock#12741 :** TX and RX Only Version Transmitter, 3channel Atom 3 Receiver Only

**Stock#12742 :** TX and 2 RX Version Transmitter, 2 x 3channel Atom 3 Receivers

\*Also available in conventional frequency model  
**Stock #127XX (XX=Frequency)**



# Ranger II N

Featuring an ergonomic case design, the Ranger 2N AM is the most comfortable two stick, two channel radio we have ever made. The Ranger 2N is a "dry" system and is available in both 27MHz and 75MHz packages.

## FEATURES

- Two Channel AM Two Stick Transmitter
- Servo Reversing
- External Charging Jack
- Optional Ratchet for Throttle
- Steering and Throttle Trims
- Recessed On/Off Switch
- Comfortable Metal Handle

**Stock #135XX (XX=Frequency)**  
RANGER II N Transmitter, 2 Channel AM Receiver, 2 HS-311 Standard Servos, Supplied "dry" without Transmitter or Receiver Batteries (AA Battery Box)



## FM / PPM / PLL Modules



### SPECTRA for AIR

Synthesized RF Module Model # HP-PLL(QPCM/PPM)

The Spectra is a direct replacement for the standard RF module in Prism, Eclipse 7 and Optic 6 radios and will work on both PPM (FM) mode and the PCM mode

Specification  
- Modulation : 2.8KHz + 200Hz  
- Current Drain : 150mA  
**Stock# 244XX (XX=frequency)**



### SPECTRA for SURFACE

Synthesized RF Module Model # HP-PLL(PPM)

The Spectra Surface is a direct replacement for the standard RF Module in Aggressor CRX, SRX Car radios

Specification  
- Modulation : 2.8KHz + 200Hz  
- Current Drain : 150mA  
**Stock# 245XX (XX=frequency)**

## FM/AM Receivers

### HFS-05MS

5 Channel FM Single Conversion Receiver

- Ultra Light Weight and Micro Size
- Auto Gain Control (AGC)
- 5 Channel (1-4Ch, 6Ch)
- Auto Shift for 72MHz (Model: Micro 05S)
- Dimensions : 37 X 19.3 X 10mm
- Weight : 8.6g

**Stock# 255XX (XX=frequency)**



### HFS-06MT

6 Channel FM Single Conversion Receiver

- FM Single Conversion
- Narrow Band
- Compact Size
- Auto Shift for 72MHz (Model: MINI 6S)
- Dimensions : 36.7 X 25 X 18mm
- Weight : 15.5g

**Stock# 288XX (XX=frequency)**



### HFD-08RO

8 Channel FM Dual Conversion Receiver

- FM Dual Conversion
- Ultra Narrow Band
- Small Size
- Low Voltage Operation
- Channel output & Crystal type : Vertical Type
- Auto Shift for 72MHz (Model: SUPREME IIS)
- Dimensions : 51 X 32 X 20mm
- Weight : 28g

**Stock# 239XX (XX=frequency)**



### FREE DOM 6S

Synthesized 72MHz 6 Channel FM Receiver

- Synthesized PLL FM Dual Conversion
- Crystal Free
- Ultra Narrow Band
- Low Voltage Warning & Power Indicator
- Auto Shift for 72MHz
- Channel Output & Crystal Type : End Block In-Line
- Great Combination with Hitec Spectra PLL Module
- Dimensions : 40.7 X 23.5 X 16.8mm
- Weight : 17.5g

**Stock# 25972**



### HFS-03MT

3 Channel FM Single Conversion Receiver

- FM Single Conversion
- Compact Size
- Extra Narrow Band
- Dimensions : 6.7 X 25 X 18mm
- Weight : 15g

**Stock# 221XX (XX=frequency)**



### HFD-06MN

6 Channel FM Dual Conversion Micro Receiver

- FM Dual Conversion
- Narrow Band
- Power Indication Lamp
- Auto Shift for 72MHz (Model: NEUTRON 6S)
- Channel Output & Crystal Type : End Block In-Line
- Dimensions : 40.5 X 23 X 16mm
- Weight : 17.6g

**Stock# 268XX (XX=frequency)**



### HPD-07RH QPCM

7 Channel FM Dual Conversion QPCM Receiver

- Shock Absorber Technology
- Narrow Band
- Dual Battery Slot
- Power Indicator
- Dimensions : 54.4 X 35 X 20mm
- Weight : 36.1g

**Stock# 273XX (XX=frequency)**



### HSD-09RQ

9 Channel FM Dual Conversion Synthesized PLL Receiver

- Synthesized PLL FM Dual Conversion
- Crystal Free
- Ultra Narrow Band
- Low Voltage Warning & Power Indicator (2 color LED)
- Auto Shift for 72MHz (MODEL: FREEDOM 9S)
- Channel Output & Crystal Type : End Block In-Line
- Great Combination with Hitec Spectra PLL Module
- Dimensions : 52 X 32 X 18mm
- Weight : 38g

**Stock# 240XX (XX=frequency)**



### HP-2RNB

2 Channel AM Single Conversion Receiver

- Narrow Band
- Battery Eliminator Circuit
- Dimensions : 53 X 35 X 19mm
- Weight : 28g

**Stock# 263XX (XX=frequency)**



### HSS-03ML

3 Channel FM Synthesized IPD Receiver

- PLL Synthesized FM Receiver
- DSC (Direct Servo Control)
- IPD Fail Safe
- Auto Channel Scanning
- Auto Shift for 75MHz (Model: SYNTH DX)
- Dimensions : 42x27x17mm
- Weight : 20g

**Stock# 247XX (XX=frequency)**



Auto Shift

All new Hitec receivers with Auto Shift are available in just one version, and can be used with any brand of modern FM transmitter.



Intelligent Pulse Decoding

IPD or "Intelligent Pulse Decoding" is faster than PCM and lets you set a failsafe point for your servos. This receiver based technology enhances the receivers signal decoding ability and allows only valid signals to reach your servos.



Phase Lock Loop

Phase Lock Loop circuitry is the key to Hitec's new PLL synthesized receivers. The easy 10 second set-up, lets you use any open channel with any FM transmitter



Auto Gain Control

Receivers that feature Auto Gain lock onto the transmitters signal with higher accuracy than ever before and can even discriminate between two transmitters on the same channel!





# Brilliant Invention!

## Hitec's Power Miser Brushless Servos

Hitec proudly announces a new era in servo development with our first-ever, premium, ultra-efficient brushless servos. Powered by high performance Neu/Castle brushless motor and optimized "Power Miser" digital circuitry, we created the masterpiece with powerful, efficient and durable performance that is unrivaled among any in our industry. These breakthrough servos also provide the added benefit of programming your brushless servos with our traditional programming functions using Hitec's dedicated software on your PC.

**HSB-9360TH**  
BLDC ULTRA SPEED  
6.0V Torque : 13.5 kg.cm  
6.0V Speed : 0.08 sec/60°  
7.4V Torque : 16.5 kg.cm  
7.4V Speed : 0.07 sec/60°  
Dimensions : 40 x 20 x 38 mm  
Weight : 68 g  
Stock# 39360  
**HV TG 12bit**

**HSB-9370TH**  
BLDC MULTI-PURPOSE  
6.0V Torque : 18.0 kg.cm  
6.0V Speed : 0.12 sec/60°  
7.4V Torque : 23.0 kg.cm  
7.4V Speed : 0.10 sec/60°  
Dimensions : 40 x 20 x 38 mm  
Weight : 68.0 g  
Stock# 39370  
**HV TG 12bit**

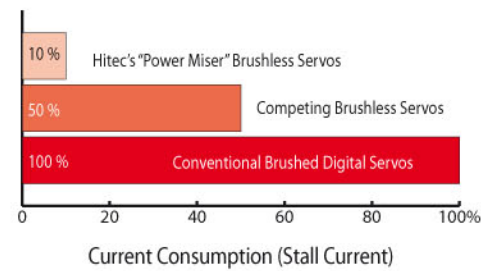
**HSB-9380TH**  
BLDC ULTRA TORQUE  
6.0V Torque : 29.0 kg.cm  
6.0V Speed : 0.17 sec/60°  
7.4V Torque : 35.0 kg.cm  
7.4V Speed : 0.14 sec/60°  
Dimensions : 40 x 20 x 38 mm  
Weight : 68 g  
Stock# 39380  
**HV TG 12bit**

2011 NEW



Powered by **neucastle** BRUSHLESS MOTORS

**Ultra Low Current Consumption :**  
"Energy efficiency" is a common interest for all modelers. By designing servos which consume only 1/5th of the power of existing brushless servos, Hitec engineers have successfully achieved low power consumption and our goal for combining efficiency and dynamics in a brushless servo technology.

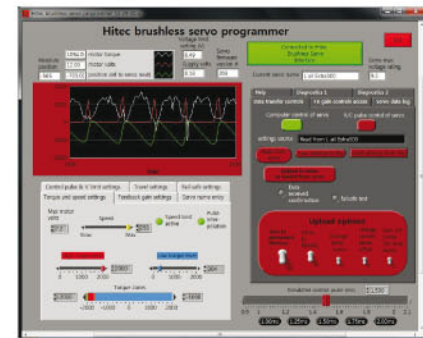


**Constant Output :**  
Regardless of your power input (6.0V ~ 8.4V), Hitec's brushless servos will maintain constant output power throughout your flight or racing.

**Hybrid MPD (Metal-Plastic-Duralumin) 1st Gear :**  
The metal, plastic and duralumin hybrid 1st gear gives our brushless servos maximum performance and durability even in the toughest applications. The plastic within the MPD prevents inadvertent electrical contact with the aircraft or vehicle's hardware.



**12 Bit Resolution Programmable Digital Circuit:**  
You can utilize Hitec's PC interface to customize your brushless servos to maximize your performance in a multitude of applications.



\*HBI-10 Hitec Brushless Servo PC Interface required  
Stock# 44426

**HV** High Voltage    **TG** Titanium Gears    **G2** 2nd Generation Circuitry    **12bit** 12 Bit Resolution Digital Circuit



## Digital HV Ultra Premium

**HS-7940TH**  
HV ULTRA SPEED  
6.0V Torque : 13 kg.cm  
6.0V Speed : 0.07 sec/60°  
7.4V Torque : 16 kg.cm  
7.4V Speed : 0.06 sec/60°  
Dimensions : 40 x 20 x 38 mm  
Weight : 68 g  
Stock# 37940S  
**HV TG G2**



**HS-7945TH**  
HV MULTIPURPOSE  
6.0V Torque : 18.0 kg.cm  
6.0V Speed : 0.12 sec/60°  
7.4V Torque : 23.0 kg.cm  
7.4V Speed : 0.10 sec/60°  
Dimensions : 40 x 20 x 38 mm  
Weight : 65 g  
Stock# 37945S  
**HV TG G2**



**HS-7950TH**  
HV ULTRA TORQUE  
6.0V Torque : 29 kg.cm  
6.0V Speed : 0.15 sec/60°  
7.4V Torque : 35 kg.cm  
7.4V Speed : 0.13 sec/60°  
Dimensions : 40 x 20 x 38 mm  
Weight : 68 g  
Stock# 37950S  
**HV TG G2**



**HS-7954SH**  
HV SUPER TORQUE  
6.0V Torque : 24 kg.cm  
6.0V Speed : 0.15 sec/60°  
7.4V Torque : 29 kg.cm  
7.4V Speed : 0.12 sec/60°  
Dimensions : 40 x 20 x 37 mm  
Weight : 68 g  
Stock# 37954  
**HV TG G2**



**HS-7980TH**  
HV MONSTER TORQUE  
6.0V Torque : 36.0 kg.cm  
6.0V Speed : 0.21 sec/60°  
7.4V Torque : 44.0 kg.cm  
7.4V Speed : 0.17 sec/60°  
Dimensions : 43.8 x 22.4 x 40.0 mm  
Weight : 78.2 g  
Stock# 37980S  
**HV TG G2**



**HS-M7990TH**  
HV MAGNETIC ENCODER MONSTER TORQUE  
6.0V Torque : 36.0 kg.cm  
6.0V Speed : 0.21 sec/60°  
7.4V Torque : 44.0 kg.cm  
7.4V Speed : 0.17 sec/60°  
Dimensions : 43.8 x 22.4 x 40.0 mm  
Weight : 79.0 g  
Stock# 37990S  
**HV TG G2**



**HS-7115TH**  
HV ULTRA SLIM WING  
6.0V Torque : 3.2 kg.cm  
6.0V Speed : 0.12 sec/60°  
7.4V Torque : 3.6 kg.cm  
7.4V Speed : 0.10 sec/60°  
Dimensions : 26.0 x 8.0 x 38.0 mm  
Weight : 20.0 g  
Stock# 37115  
**HV TG G2**



Mounting Tray Included

HS-7115TH : 8mm Thickness Wing Servo

## Digital Premium Sport

**HS-7965MG**  
DIGITAL HIGH SPEED  
4.8V Torque : 8.0 kg.cm  
4.8V Speed : 0.13 sec/60°  
6.0V Torque : 10.0 kg.cm  
6.0V Speed : 0.10 sec/60°  
Dimensions : 40 x 20 x 37 mm  
Weight : 62 g  
Stock# 37965  
**G2**



**HS-7985MG**  
DIGITAL HIGH TORQUE  
4.8V Torque : 10.4 kg.cm  
4.8V Speed : 0.16 sec/60°  
6.0V Torque : 12.4 kg.cm  
6.0V Speed : 0.13 sec/60°  
Dimensions : 40 x 20 x 37 mm  
Weight : 62 g  
Stock# 37985  
**G2**



**HS-7966HB**  
DIGITAL HIGH SPEED  
4.8V Torque : 6.6 kg.cm  
4.8V Speed : 0.10 sec/60°  
6.0V Torque : 8.0 kg.cm  
6.0V Speed : 0.08 sec/60°  
Dimensions : 40 x 20 x 37 mm  
Weight : 53 g  
Stock# 37966  
**G2**



**HS-7975HB**  
CORELESS DIGITAL  
4.8V Torque : 8.6 kg.cm  
4.8V Speed : 0.13 sec/60°  
6.0V Torque : 10.4 kg.cm  
6.0V Speed : 0.10 sec/60°  
Dimensions : 40 x 20 x 37 mm  
Weight : 52 g  
Stock# 37975  
**G2**



**HS-7955TG**  
DIGITAL ULTRA TORQUE  
4.8V Torque : 18 kg.cm  
4.8V Speed : 0.19 sec/60°  
6.0V Torque : 24 kg.cm  
6.0V Speed : 0.15 sec/60°  
Dimensions : 40 x 20 x 37 mm  
Weight : 65 g  
Stock# 37955  
**G2 TG**



**HS-7775MG**  
LOW PROFILED CORELESS  
4.8V Torque : 7.2 kg.cm  
4.8V Speed : 0.12 sec/60°  
6.0V Torque : 9.0 kg.cm  
6.0V Speed : 0.10 sec/60°  
Dimensions : 40.4 x 21 x 25.4 mm  
Weight : 49 g  
Stock# 37775  
**G2**





## Digital Micro & Mini

**HS-5035HD**  
DIGITAL NANO SERVO  
4.8 V Torque : 0.8 kg.cm  
4.8 V Speed : 0.12 sec/60°  
Dimensions : 18.6x7.6x15.5 mm  
Weight : 4.5 g  
Stock# 350355

2011 NEW



Long lifespan!

**HS-5045HB**  
DIGITAL FEATHER  
4.8 V Torque : 1.0 kg.cm  
4.8 V Speed : 0.12 sec/60°  
Dimensions : 23.6x9.8x22.4 mm  
Weight : 8.5 g  
Stock# 35045

Break-Hard AGIT Applied



**HS-5056MG**  
DIGITAL FEATHER  
4.8 V Torque : 1.2 kg.cm  
4.8 V Speed : 0.12 sec/60°  
6.0 V Torque : 1.4 kg.cm  
6.0 V Speed : 0.10 sec/60°  
Dimensions : 22.6 x 11.6 x 24 mm  
Weight : 12.7 g  
Stock# 350565



**HS-5065MG**  
DIGITAL MIGHTY  
4.8 V Torque : 1.8 kg.cm  
4.8 V Speed : 0.14 sec/60°  
6.0 V Torque : 2.2 kg.cm  
6.0 V Speed : 0.11 sec/60°  
Dimensions : 23.6 x 11.6 x 24 mm  
Weight : 11.9 g  
Stock# 350565



**HS-5085MG**  
DIGITAL MIGHTY MICRO  
4.8 V Torque : 3.6 kg.cm  
4.8 V Speed : 0.17 sec/60°  
6.0 V Torque : 4.3 kg.cm  
6.0 V Speed : 0.13 sec/60°  
Dimensions : 29 x 13 x 30 mm  
Weight : 21.9 g  
Stock# 350855



**HS-5125MG**  
DIGITAL WING  
4.8 V Torque : 3.0 kg.cm  
4.8 V Speed : 0.17 sec/60°  
6.0 V Torque : 3.5 kg.cm  
6.0 V Speed : 0.13 sec/60°  
Dimensions : 30 x 10 x 34 mm  
Weight : 24 g  
Stock# 351255



METAL HORN (M23-ML)Included

**HS-5087MH**  
HV DIGITAL MIGHTY MICRO  
6.0 V Torque : 3.6 kg.cm  
6.0 V Speed : 0.17 sec/60°  
7.4 V Torque : 4.3 kg.cm  
7.4 V Speed : 0.13 sec/60°  
Dimensions : 29 x 13 x 30 mm  
Weight : 21.9 g  
Stock# 350875

2011 NEW



HV

**HS-7235MH**  
HV MINI DIGITAL SPEED  
6.0 V Torque : 3.6 kg.cm  
6.0 V Speed : 0.09 sec/60°  
7.4 V Torque : 4.4 kg.cm  
7.4 V Speed : 0.08 sec/60°  
Dimensions : 32.4 x 16.8 x 32.8 mm  
Weight : 34 g  
Stock# 372355

2011 NEW



HV

**HS-5055MG**  
DIGITAL FEATHER  
4.8 V Torque : 1.3 kg.cm  
4.8 V Speed : 0.20 sec/60°  
6.0 V Torque : 1.6 kg.cm  
6.0 V Speed : 0.17 sec/60°  
Dimensions : 22.8 x 11.6 x 24 mm  
Weight : 9.5 g  
Stock# 350555



**HS-A5076HB**  
DIGITAL SLIM  
4.8 V Torque : 2.5 kg.cm  
4.8 V Speed : 0.14 sec/60°  
6.0 V Torque : 3.0 kg.cm  
6.0 V Speed : 0.11 sec/60°  
Dimensions : 27.6 x 10.8 x 29 mm  
Weight : 14.3 g  
Stock# 35076



**HS-5245MG**  
DIGITAL MINI  
4.8 V Torque : 4.4 kg.cm  
4.8 V Speed : 0.15 sec/60°  
6.0 V Torque : 5.5 kg.cm  
6.0 V Speed : 0.12 sec/60°  
Dimensions : 32.4 x 16.8 x 30.8 mm  
Weight : 32 g  
Stock# 352455



METAL HORN (R-ML)Included

**HS-7245MH**  
HV MINI DIGITAL TORQUE  
6.0 V Torque : 5.2 kg.cm  
6.0 V Speed : 0.13 sec/60°  
7.4 V Torque : 6.4 kg.cm  
7.4 V Speed : 0.11 sec/60°  
Dimensions : 32.4 x 16.8 x 32.8 mm  
Weight : 34 g  
Stock# 372455



HV

## Gyro & Tailrotor

**HG-5000**  
HIGH PERFORMANCE MEMS GYRO  
- Optimized High Response Narrow Band Hitec Signal  
- Universal Signal Selectable (works with most analog or digital servos) Precision Control Technology for Heading Lock  
- Auto Detection for any Transmitter and Receiver  
- Advanced Real Time - Signal Processing  
- Remote Gain Adjustment  
- Low Power Consumption (20mAh)  
- Dimensions 0.86 x 0.86 x 0.43 in  
Stock # 41910 (Gyro Only)  
Stock # 41920 (Gyro and HSG-5083MG)



**HSG-5083MG**  
MICRO DIGITAL SERVO FOR GYRO USE  
- Micro Digital Servo for HG-5000 use only  
- Optimized for 400 ~ 500 class EP helicopter  
- All Metal Gear Applied (1st MP Gear)  
- Non-Programmable  
- 4.8 V Torque : 1.5 kg.cm  
- 6.0 V Speed : 0.07 sec/60°  
- Dimensions : 29 x 13 x 30 mm  
(Fastest Servo Hitec ever made)  
- Weight : 21.7 g  
Stock# 35083 (Servo Only)



**HSG-5084MG**  
MICRO DIGITAL SERVO FOR GYRO / MINI CAR  
- Universal Signal Gyro / Mini Car Servo  
(To be used with any brand of Gyro)  
- All Metal Gear Applied (1st MP Gear)  
- Non-Programmable  
- 4.8 V Torque : 1.5 kg.cm  
- 6.0 V Speed : 0.07 sec/60° No Load  
- 6.0 V Torque : 1.9 kg.cm  
- 6.0 V Speed : 0.05 sec/60° No Load  
- Dimensions : 29 x 13 x 30 mm  
- Weight : 21.7 g  
Stock# 35084



## Digital Standard Sport

**HS-5485HB**  
DIGITAL STANDARD  
4.8 V Torque : 5.2 kg.cm  
4.8 V Speed : 0.20 sec/60°  
6.0 V Torque : 6.4 kg.cm  
6.0 V Speed : 0.17 sec/60°  
Dimensions : 39.8 x 19.8 x 38 mm  
Weight : 45 g  
Stock# 354855



**HS-5495BH**  
HV DIGITAL STANDARD  
6.0 V Torque : 6.4 kg.cm  
6.0 V Speed : 0.17 sec/60°  
7.4 V Torque : 7.5 kg.cm  
7.4 V Speed : 0.15 sec/60°  
Dimensions : 39.8 x 19.8 x 37.8 mm  
Weight : 22.1 g  
Stock# 354955

2011 NEW



HV

**HS-5496MH**  
HV DIGITAL STANDARD  
6.0 V Torque : 6.4 kg.cm  
6.0 V Speed : 0.17 sec/60°  
7.4 V Torque : 7.5 kg.cm  
7.4 V Speed : 0.15 sec/60°  
Dimensions : 39.8 x 19.8 x 37.8 mm  
Weight : 52.1 g  
Stock# 354965

2011 NEW



HV

**HS-5625MG**  
DIGITAL SUPER SPEED  
4.8 V Torque : 7.9 kg.cm  
4.8 V Speed : 0.17 sec/60°  
6.0 V Torque : 9.4 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 40.6 x 19.8 x 37.8 mm  
Weight : 60 g  
Stock# 356255



**HS-5665MH**  
HV DIGITAL SUPER SPEED  
6.0 V Torque : 8.8 kg.cm  
6.0 V Speed : 0.16 sec/60°  
7.4 V Torque : 10.0 kg.cm  
7.4 V Speed : 0.14 sec/60°  
Dimensions : 40.6 x 19.8 x 37.8 mm  
Weight : 60 g  
Stock# 356655



HV

**HS-5645MG**  
DIGITAL SUPER TORQUE  
4.8 V Torque : 10.3 kg.cm  
4.8 V Speed : 0.23 sec/60°  
6.0 V Torque : 12.1 kg.cm  
6.0 V Speed : 0.18 sec/60°  
Dimensions : 40.6 x 19.8 x 37.8 mm  
Weight : 60 g  
Stock# 356455



METAL HORN (R-ML)Included

**HS-5685MH**  
HV DIGITAL SUPER TORQUE  
6.0 V Torque : 11.3 kg.cm  
6.0 V Speed : 0.20 sec/60°  
7.4 V Torque : 12.8 kg.cm  
7.4 V Speed : 0.17 sec/60°  
Dimensions : 40.6 x 20.3 x 38.0 mm  
Weight : 59.5 g  
Stock# 356855



HV

**HS-5565MH**  
HV MONSTER SPEED  
6.0 V Torque : 11 kg.cm  
6.0 V Speed : 0.11 sec/60°  
7.4 V Torque : 14 kg.cm  
7.4 V Speed : 0.09 sec/60°  
Dimensions : 39.8 x 19.8 x 38 mm  
Weight : 59 g  
Stock# 355655

2011 NEW



HV

**HS-5585MH**  
HV MONSTER TORQUE  
6.0 V Torque : 15 kg.cm  
6.0 V Speed : 0.17 sec/60°  
7.4 V Torque : 20 kg.cm  
7.4 V Speed : 0.14 sec/60°  
Dimensions : 39.8 x 19.8 x 38 mm  
Weight : 59 g  
Stock# 355855

2011 NEW



HV

**HS-6635HB**  
DIGITAL HIGH TORQUE  
4.8 V Torque : 5 kg.cm  
4.8 V Speed : 0.18 sec/60°  
6.0 V Torque : 6 kg.cm  
6.0 V Speed : 0.15 sec/60°  
Dimensions : 39.8 x 19.8 x 38.8 mm  
Weight : 52 g  
Stock# 366355



## Digital Giant Scale

**HS-5765MH**  
DIGITAL MEGA SCALE  
6.0 V Torque : 20 kg.cm  
6.0 V Speed : 0.16 sec/60°  
7.4 V Torque : 25 kg.cm  
7.4 V Speed : 0.13 sec/60°  
Dimensions : 59 x 29 x 52 mm  
Weight : 172 g  
Stock# 356755

2011 NEW



HV

Upgraded Aluminum Heat Sink

**HS-5755MG**  
DIGITAL 1/4 SCALE  
4.8 V Torque : 15 kg.cm  
4.8 V Speed : 0.18 sec/60°  
6.0 V Torque : 18 kg.cm  
6.0 V Speed : 0.15 sec/60°  
Dimensions : 59 x 29 x 52 mm  
Weight : 161.1 g  
Stock# 357555



Upgraded Aluminum Heat Sink

**HS-5805MG**  
DIGITAL MEGA SCALE  
4.8 V Torque : 19.8 kg.cm  
4.8 V Speed : 0.19 sec/60°  
6.0 V Torque : 24.7 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 66 x 30 x 57.6 mm  
Weight : 197 g  
Stock# 358055





# True Waterproof

## Industry First Waterproof Servo

Here comes another revolutionary achievement from Hitec. Hitec servo engineer invented special water proof design (patent pending) for your next underwater project. All Hitec's WP (Water Proof) servos comes with IP-67 approved performance. Ideal for boat, rock crawler and submarine, etc.



Specially engineered Hitec's waterproof servo technology allows our WP servos to have the best performance under submerged operating conditions. \*Patent Pending\*



### HS-5646WP

**WATER PROOF**  
4.8 V Torque : 11.3 kg.cm  
4.8 V Speed : 0.2 sec/60°  
6.0 V Torque : 12.9 kg.cm  
6.0 V Speed : 0.18 sec/60°  
Dimensions : 41.8 x 21.0 x 40.0 mm  
Weight : 61 g  
Stock# 35646S



### HS-646WP

**WATER PROOF** **2011 NEW**  
6.0 V Torque : 9.2 kg.cm  
6.0 V Speed : 0.2 sec/60°  
7.4 V Torque : 10.4 kg.cm  
7.4 V Speed : 0.17 sec/60°  
Dimensions : 41.8 x 21.0 x 40.0 mm  
Weight : 61 g  
Stock# 32646S  
**HV**



### HS-5086WP

**WATER PROOF**  
4.8 V Torque : 3.0 kg.cm  
4.8 V Speed : 0.18 sec/60°  
6.0 V Torque : 3.6 kg.cm  
6.0 V Speed : 0.15 sec/60°  
Dimensions : 31.0 x 15.2 x 31.0 mm  
Weight : 28.5 g  
Stock# 35086S



\*IP-67 (International Protection Code - 67) : 6 - Dust Tight: Complete protection against contact  
7 - Immersion up to 1 M: Test duration of 30 minutes

# Digital Servo Programmings

## HFP-25

Servo Tester / Digital Servo Field Programmer  
Hitec introduces New HFP-25 Hitec Digital Servo Programmer at attractive price.

Servo Test & Programmable functions of the New HFP-25 Field Programmer:  
Manual and Automatic testing procedures, Transmitter Pulse width measurement, Receiver Voltage measurement Direction of Rotation, Speed of Rotation, Fail Safe On-Off, End Point, Neutral Point, Fail Safe Point Preset, Overload protection Setting\* and Servo Resolution mode Setting\*  
\*These features can only be applied to Hitec's HS-7XXX series of digital servos



HFP-25  
Stock# 4442S

- Light Weight, Elegant Case
- Low Battery Warning
- LCD Screen
- Easy Operation
- Alkaline Battery Holder

## HPP-21 & HPP-21 Plus

Servo Tester / Digital Servo PC Programmer

HPP-21 is a PC interfaced Hitec digital servo programmer. You can utilize programming features of HFP-20 field programmer through Hitec exclusive PC software conveniently at a more affordable price. If you want to get something advanced, we would recommend HPP-21 PLUS. The HPP-21 PLUS is an upgraded version of HPP-21, and can be operated in the field without PC with simple LEDs and buttons while PC interfaced functions are still available.

HPP-21  
(PC Use Only)  
Stock# 44440



HPP-21 plus  
(PC & FIELD Use)  
Stock# 44460



- Programming Functions
- Servo Test (Manual/Auto)
  - EPA / Fail Safe Position
  - Fail Safe On/Off
  - Servo Speed
  - Change Rotation (CW / CCW)
  - Dead Band Setting
  - Overload Protection (For HS-50XX Micro Digital Servos & HS-7XXX Digital Servos)
  - Resolution Mode Setting (For HS-7XXX Digital Servos)
  - Servo Reset

Visit our website <http://www.hitecrd.com/tester/tester.html> for firmware updates and download manuals for HPP-21 & HPP-21 PLUS.



# Analog Micro & Mini

## HS-35HD

**ULTRA NANO**  
4.8 V Torque : 0.8 kg.cm  
4.8 V Speed : 0.12 sec/60°  
Dimensions : 18.6 x 7.6 x 15.5 mm  
Weight : 4.5 g  
Stock# 33035



## HS-45HB

**AGTT FEATHER** **Break-Hard AGTT Applied**  
4.8 V Torque : 1.0 kg.cm  
4.8 V Speed : 0.14 sec/60°  
Dimensions : 23.6 X 9.8 X 22.4 mm  
Weight : 8 g  
Stock# 33045S



## AGTT : Advanced Gear Train Technology

"What is AGTT?"  
Hitec turned the world of micro servo gear strength, upside down. Our Patent Pending, AGTT (Advanced Gear Train Technique), inverts the servo motor and uses "Break-Hard", thicker gears on longer, flexible shafts that reach down the side of the case for a premium micro servo gear train guaranteed to be stronger than any micro servo ever made.

## HS-55

**ECONOMY FEATHER**  
4.8 V Torque : 1.1 kg.cm  
4.8 V Speed : 0.18 sec/60°  
6.0 V Torque : 1.3 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 22.8 x 11.6 x 24 mm  
Weight : 8 g  
Stock# 31055S



## HS-56HB

**PREMIUM FEATHER**  
4.8 V Torque : 1.0 kg.cm  
4.8 V Speed : 0.12 sec/60°  
6.0 V Torque : 1.2 kg.cm  
6.0 V Speed : 0.10 sec/60°  
Dimensions : 22.6 x 11.6 x 24 mm  
Weight : 10.7 g  
Stock# 33056S



## HS-65HB

**MIGHTY FEATHER**  
4.8 V Torque : 1.8 kg.cm  
4.8 V Speed : 0.14 sec/60°  
6.0 V Torque : 2.2 kg.cm  
6.0 V Speed : 0.11 sec/60°  
Dimensions : 23.6 x 11.6 x 24 mm  
Weight : 11.2 g  
Stock# 33065S



## HS-65MG

**METAL GEAR MIGHTY FEATHER**  
4.8 V Torque : 1.8 kg.cm  
4.8 V Speed : 0.14 sec/60°  
6.0 V Torque : 2.2 kg.cm  
6.0 V Speed : 0.11 sec/60°  
Dimensions : 23.6 x 11.6 x 24 mm  
Weight : 11.9 g  
Stock# 32065



## HS-81

**STANDARD MICRO**  
4.8 V Torque : 2.6 kg.cm  
4.8 V Speed : 0.11 sec/60°  
6.0 V Torque : 3.0 kg.cm  
6.0 V Speed : 0.09 sec/60°  
Dimensions : 29.8 x 12 x 29.6 mm  
Weight : 16.6 g  
Stock# 31081S



## HS-82MG

**METAL GEAR MICRO**  
4.8 V Torque : 2.8 kg.cm  
4.8 V Speed : 0.12 sec/60°  
6.0 V Torque : 3.4 kg.cm  
6.0 V Speed : 0.10 sec/60°  
Dimensions : 29.8 x 12 x 29.6 mm  
Weight : 19 g  
Stock# 32082S



## HS-85BB

**MIGHTY MICRO**  
4.8 V Torque : 3 kg.cm  
4.8 V Speed : 0.16 sec/60°  
6.0 V Torque : 3.5 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 29 x 13 x 30 mm  
Weight : 19.2 g  
Stock# 31085S



## HS-85MG

**METAL GEAR MIGHTY MICRO**  
4.8 V Torque : 3 kg.cm  
4.8 V Speed : 0.16 sec/60°  
6.0 V Torque : 3.5 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 29 x 13 x 30 mm  
Weight : 21.9 g  
Stock# 32085S



## HS-125MG

**METAL GEAR SLIM WING**  
4.8 V Torque : 3 kg.cm  
4.8 V Speed : 0.17 sec/60°  
6.0 V Torque : 3.5 kg.cm  
6.0 V Speed : 0.13 sec/60°  
Dimensions : 30 x 10 x 34 mm  
Weight : 24 g  
Stock# 32125S



## HS-225BB

**MIGHTY MINI**  
4.8 V Torque : 3.9 kg.cm  
4.8 V Speed : 0.14 sec/60°  
6.0 V Torque : 4.8 kg.cm  
6.0 V Speed : 0.11 sec/60°  
Dimensions : 32.4 x 16.8 x 31 mm  
Weight : 27 g  
Stock# 31225S



## HS-225MG

**METAL GEAR MIGHTY MINI**  
4.8 V Torque : 3.9 kg.cm  
4.8 V Speed : 0.14 sec/60°  
6.0 V Torque : 4.8 kg.cm  
6.0 V Speed : 0.11 sec/60°  
Dimensions : 32.4 x 16.8 x 31 mm  
Weight : 31 g  
Stock# 32225S





## Analog Standard Sport

### HS-75BB RETRACT

4.8 V Torque : 6.6 kg.cm  
4.8 V Speed : 0.45 sec/60°  
6.0 V Torque : 8.2 kg.cm  
6.0 V Speed : 0.34 sec/60°  
Dimensions : 44 x 23 x 25 mm  
Weight : 35 g  
Stock# 310755



### HS-77BB LOW PROFILE

4.8 V Torque : 4.4 kg.cm  
4.8 V Speed : 0.18 sec/60°  
6.0 V Torque : 5.5 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 44 x 23 x 25 mm  
Weight : 35 g  
Stock# 310775



### HS-311 STANDARD ECONOMY

4.8 V Torque : 3 kg.cm  
4.8 V Speed : 0.19 sec/60°  
6.0 V Torque : 3.5 kg.cm  
6.0 V Speed : 0.15 sec/60°  
Dimensions : 40 x 20 x 36.5 mm  
Weight : 43 g  
Stock# 313115



### HS-322HD STANDARD HEAVY DUTY

4.8 V Torque : 3 kg.cm  
4.8 V Speed : 0.19 sec/60°  
6.0 V Torque : 3.7 kg.cm  
6.0 V Speed : 0.15 sec/60°  
Dimensions : 40 x 20 x 36.5 mm  
Weight : 43 g  
Stock# 333225



### HS-325HB STANDARD BALL BEARING

4.8 V Torque : 3 kg.cm  
4.8 V Speed : 0.19 sec/60°  
6.0 V Torque : 3.7 kg.cm  
6.0 V Speed : 0.15 sec/60°  
Dimensions : 40 x 20 x 36.5 mm  
Weight : 43 g  
Stock# 333255



### HS-422 DELUXE STANDARD

4.8 V Torque : 3.3 kg.cm  
4.8 V Speed : 0.21 sec/60°  
6.0 V Torque : 4.1 kg.cm  
6.0 V Speed : 0.16 sec/60°  
Dimensions : 40.6 x 19.8 x 36.6 mm  
Weight : 45.5 g  
Stock# 314225



### HS-425BB DELUXE BALL BEARING

4.8 V Torque : 3.3 kg.cm  
4.8 V Speed : 0.21 sec/60°  
6.0 V Torque : 4.1 kg.cm  
6.0 V Speed : 0.16 sec/60°  
Dimensions : 40.6 x 19.8 x 36.6 mm  
Weight : 45.5 g  
Stock# 314255



### HS-485HB DELUXE HD BALL BEARING

4.8 V Torque : 4.8 kg.cm  
4.8 V Speed : 0.22 sec/60°  
6.0 V Torque : 6.0 kg.cm  
6.0 V Speed : 0.18 sec/60°  
Dimensions : 39.8 x 19.8 x 38 mm  
Weight : 45 g  
Stock# 334855



## Analog Premium Sport

### HS-625MG HIGH SPEED METAL GEAR

4.8 V Torque : 5.5 kg.cm  
4.8 V Speed : 0.18 sec/60°  
6.0 V Torque : 6.8 kg.cm  
6.0 V Speed : 0.15 sec/60°  
Dimensions : 40.6 x 19.8 x 37.8 mm  
Weight : 55.2 g  
Stock# 326255



### HS-635HB HIGH TORQUE KARBONITE

4.8 V Torque : 5 kg.cm  
4.8 V Speed : 0.18 sec/60°  
6.0 V Torque : 6 kg.cm  
6.0 V Speed : 0.15 sec/60°  
Dimensions : 40.6 x 19.8 x 38.8 mm  
Weight : 50 g  
Stock# 336355



### HS-645MG HIGH TORQUE METAL GEAR

4.8 V Torque : 7.7 kg.cm  
4.8 V Speed : 0.24 sec/60°  
6.0 V Torque : 9.6 kg.cm  
6.0 V Speed : 0.20 sec/60°  
Dimensions : 40.6 x 19.8 x 37.3 mm  
Weight : 55.2 g  
Stock# 326455



### HS-965MG HIGH SPEED CORELESS

4.8 V Torque : 7.4 kg.cm  
4.8 V Speed : 0.13 sec/60°  
6.0 V Torque : 9.5 kg.cm  
6.0 V Speed : 0.10 sec/60°  
Dimensions : 40 x 20 x 37 mm  
Weight : 62 g  
Stock# 32965



### HS-985MG HIGH TORQUE CORELESS

4.8 V Torque : 9.6 kg.cm  
4.8 V Speed : 0.16 sec/60°  
6.0 V Torque : 12.4 kg.cm  
6.0 V Speed : 0.13 sec/60°  
Dimensions : 40 x 20 x 37 mm  
Weight : 62 g  
Stock# 32985



## Analog Giant Scale



**HS-755MG**  
METAL GEAR QUARTER SCALE  
4.8 V Torque : 12.0 kg.cm  
4.8 V Speed : 0.28 sec/60°  
6.0 V Torque : 14.4 kg.cm  
6.0 V Speed : 0.23 sec/60°  
Dimensions : 59 x 29 x 50 mm  
Weight : 117 g  
Stock# 32755



**HS-755HB**  
KARBONITE QUARTER SCALE  
4.8 V Torque : 11 kg.cm  
4.8 V Speed : 0.28 sec/60°  
6.0 V Torque : 13.2 kg.cm  
6.0 V Speed : 0.23 sec/60°  
Dimensions : 59 x 29 x 50 mm  
Weight : 110 g  
Stock# 33755



**HS-805BB**  
MEGA QUARTER SCALE  
4.8 V Torque : 19.8 kg.cm  
4.8 V Speed : 0.19 sec/60°  
6.0 V Torque : 24.7 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 66 x 30 x 57.6 mm  
Weight : 152 g  
Stock# 318055



**HS-805MG**  
MEGA METAL QUARTER SCALE  
4.8 V Torque : 19.8 kg.cm  
4.8 V Speed : 0.19 sec/60°  
6.0 V Torque : 24.7 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 66 x 30 x 57.6 mm  
Weight : 157 g  
Stock# 328055

## Analog Sailboat

### HS-765HB SAIL CONTROL

4.8 V Torque : 11 kg.cm  
4.8 V Speed : 0.28 sec/60°  
6.0 V Torque : 13.2 kg.cm  
6.0 V Speed : 0.23 sec/60°  
Dimensions : 59 x 29 x 50 mm  
Weight : 110 g  
Stock# 337655



### HS-815BB MEGA SAIL

4.8 V Torque : 19.8 kg.cm  
4.8 V Speed : 0.19 sec/60°  
6.0 V Torque : 24.7 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 66 x 30 x 57.6 mm  
Weight : 152 g  
Stock# 318155



### HS-785HB WINCH SERVO

4.8 V Torque : 11 kg.cm  
4.8 V Speed : 1.68 sec/60°  
6.0 V Torque : 13.2 kg.cm  
6.0 V Speed : 1.38 sec/60°  
Dimensions : 59 x 29 x 50 mm  
Weight : 110 g  
Stock# 337855



## Robot Servo

**HSR-1425CR**  
CONTINUOUS ROTATION  
4.8 V Torque : 2.8 kg.cm  
4.8 V Speed : 52 RPM



Dimensions : 40.6 x 19.8 x 36.6 mm  
Weight : 41.7 g  
Stock# 31425C

**HRS-5980SG**  
DIGITAL HIGH TORQUE  
STEEL GEAR

4.8 V Torque : 24 kg.cm  
4.8 V Speed : 0.17 sec/60°  
6.0 V Torque : 30 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 40 x 20 x 37 mm  
Weight : 67 g  
Stock# 35980



**HSR-5990TG**  
DIGITAL HIGH TORQUE  
TITANIUM GEAR

4.8 V Torque : 24 kg.cm  
4.8 V Speed : 0.17 sec/60°  
6.0 V Torque : 30 kg.cm  
6.0 V Speed : 0.14 sec/60°  
Dimensions : 40 x 20 x 37 mm  
Weight : 68 g  
Stock# 35990





# Hitec Servo History Servo Technology Achievements

Since Hitec's entry into the Servo manufacturing marketplace in 1983, we are proud to have introduced many significant technological innovations in servo development.



**Power Miser Brushless Servos**  
Another brilliant invention from Hitec. Achieved incredible low power consumption by "Power Miser" programmable digital circuitry. Powered by high performance Neu/Castle Brushless motor.



**Karbonite Gears**  
Zero wear and high strength, 4 times stronger than white resin gears.



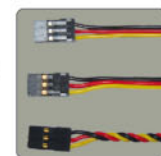
**MPD (Metal-Plastic-Duralumin) 1st Gear**  
The Metal-Plastic-Duralumin 1st gear has been designed to strengthen the 1st gear's durability by applying Super Duralumin while it prevents inadvertent electrical contact with the aircraft or its hardware.



**Unbreakable MP Gear**  
Hitec's hybrid "metal/plastic" gear is the key to our unbreakable gear trains.



**Magnetic Encoder Digital Servo Technology**  
Magnetic encoder replaces conventional mechanical potentiometer to provides better linearity, semi-permanent lifespan and less electric noise comparing with conventional potentiometer. The HS-M7990TH is the industry-first servo using patent pending magnetic encoder technology.



**Heavy Duty Servo Wire Leads**  
High power digital and analog servos need plenty of current to deliver massive power. Recognizing this, Hitec increased the size of the wires from 22 to 24 gauge to provide the power these servos need to perform at the highest level.



**Hitec Waterproof Servo Technology**  
Here comes another revolutionary achievement from Hitec. Hitec servo engineers invented special waterproof design (patent pending) for your next underwater project. All Hitec's WP (Water Proof) servos comes with IP-67 certified performance.



**Metal Horns**  
Factory supplied with Hitec's most powerful servos.



**7.4 Volt High Voltage Super Ultra Digital Servos**  
2 cell LiPo Battery compatible high voltage servos are ready for your next tough project with specially designed coreless motor and cutting edge G2 circuitry. From the most powerful HS-7950TH to the economical HS-5665MH, Hitec's high voltage servos will assure more durable & stable operation whatever your applications are.



**HFP-20 Hitec Digital Servo Programmer**  
Used to program 9 different settings on Hitec's digital servos and perform tests on other servos and transmitters.



**G2 The Second Generation Premium Digital Servos**  
The G2 line of premium digital servos feature twice the resolution of our original digital servos and a programmable overload setting.



**Programmable Digital servo**  
Hitec remains the leader in programmable servo technology by offering more programmable digital servos than any other manufacturer.



**Advance Gear Train Technology**  
AGTT is Hitec's patented gear train technology that inverts the motor and uses extra thick gears to create the most durable gear train ever offered in a micro servo.



**Alumite Gears**  
This molecular coating hardens the surface of all our Aluminium servo gears for longer wear.



**New Aluminum Heat Sinks**  
All electronic products are degraded by heat. Heat robs power from motors and lowers the efficiency of electronic components. To counter the heat created by today's powerful servo motors, Hitec has incorporated heat sinks into the cases of several premium digital servos.

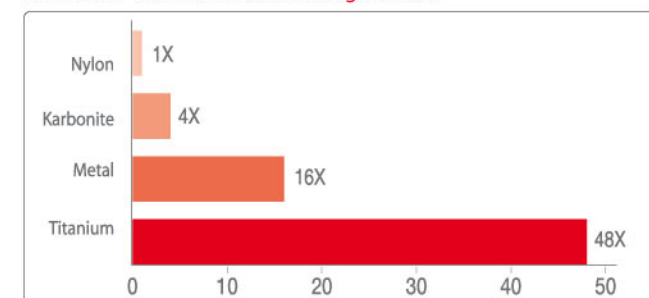


**HS-50**  
The first mass produced microlight servo was our reliable and strong 5.8 gram HS-50.



**Titanium gears**  
Favored by the military for its superior strength and durability Hitec is the only manufacturer to bring Titanium geared servos to the Hobby market.

**Servo Gear Material Relative Strength Chart**



**MK Super Gear**  
How do you improve on the best? We made a Karbonite version of our MP gear for maximum wear resistance and strength.

## X4 Four-Channel Multicharger

We've outdone ourselves again with safety, function and value. The Hitec X4 is our new four-channel multicharger with four port computer controlled capability. Featuring four identical and independent 50-watt power outputs, this charger is the choice for RC hobbyists looking to save time and money when charging their batteries. It can charge four Lithium, NiCd, NiMH or Lead packs simultaneously while employing a twin fan cooling system for reliability and safety. Whether you are a novice or an expert RC enthusiast, the X4 is the Xcellent choice for your hobby!

- Function : Charger, Discharger, Cycle Charger/Discharger (Ni-XX), Balancer (Li-XX)  
Battery Voltage Displays (Li-XX), Warning Signals, Safety Features
- Compatible Batteries : Li-Po, Li-Fe, Li-Ion, Ni-CD, Ni-MH, Pb
- Available Number of Cells : Li-Po/Li-Fe: 1~6 cells / Ni-MH/Ni-CD: 1~15 cells / Pb: 1~10 cells
- Input voltage : DC 11~15V
- Charging current : 0.1~6.0A (Max 50W (Total 200W))
- Discharging current : 0.1~1.0A (Max 5W (Total 20W))
- Power : DC 14V 25A
- Size : 225.4 x 158.6 x 62.4 mm
- Weight : 1.09 kg
- Stock# 44151

**Li-Po 1-6 cell | Li-Fe 1-6 cell | Li-ION 1-6 cell | Ni-CD 1-15 cell | Ni-MH 1-15 cell | PB 1-10 cell**

**PROFESSIONAL BALANCE CHARGER . DISCHARGER**  
**multi charger X4**

**200W + 200W**  
**High Output Dual Charging System**  
**multi charger X2 ULTIMA**

## X2 Two-Channel Multicharger

The X2 Ultima is another great value for all R/C hobbyists looking for more powerful charging solution. The Hitec X2 Ultima is two channel charger featuring dual 200W power output, 10A charging & 5A discharging capability and it can efficiently charge 2 Lithium, NiCd, NiMH or Pb packs at once. Thanks to high charging capacity, X2 will be a perfect choice for the hobbyist who wants to save their charging time.

- Function : Charger, Discharger, Cycle Charger/Discharger (Ni-XX), Balancer (Li-XX)  
Battery Voltage Displays (Li-XX), Warning Signals, Safety Features
- Compatible Batteries : Li-Po, Li-Fe, Li-Ion, Ni-CD, Ni-MH, Pb
- Available Number of Cells : Li-Po/Li-Fe: 1~6 cells / Ni-MH/Ni-CD: 1~18 cells / Pb: 1~12 cells
- Input Voltage : DC 11~18V
- Charging Current : 0.1~10.0A (Max 200W (Total 400W))
- Discharging Current : 0.1~5.0A (Max 25W (Total 50W))
- Power : DC 11V~18V 30A
- Size : 200 x 135 x 57 mm
- Weight : 727 g
- Stock# 44164

**Li-Po 1-6 cell | Li-Fe 1-6 cell | Li-ION 1-6 cell | Ni-CD 1-18 cell | Ni-MH 1-18 cell | PB 1-12 cell**

### CG-S32

**Ni-MH SMPS Overnight Charger**  
- SMPS (Switching Mode Power Supply) Type  
- Charger for Receiver & Transmitter  
- NiMH Battery  
- Charging Capacity : 80mAh  
- 9.6V(8CELLS) for Tx and 4.8V for Rx NiMH Battery

Stock #  
CG-S32 220V : # 44320  
CG-S35 110V : # 44350



### CG-S42

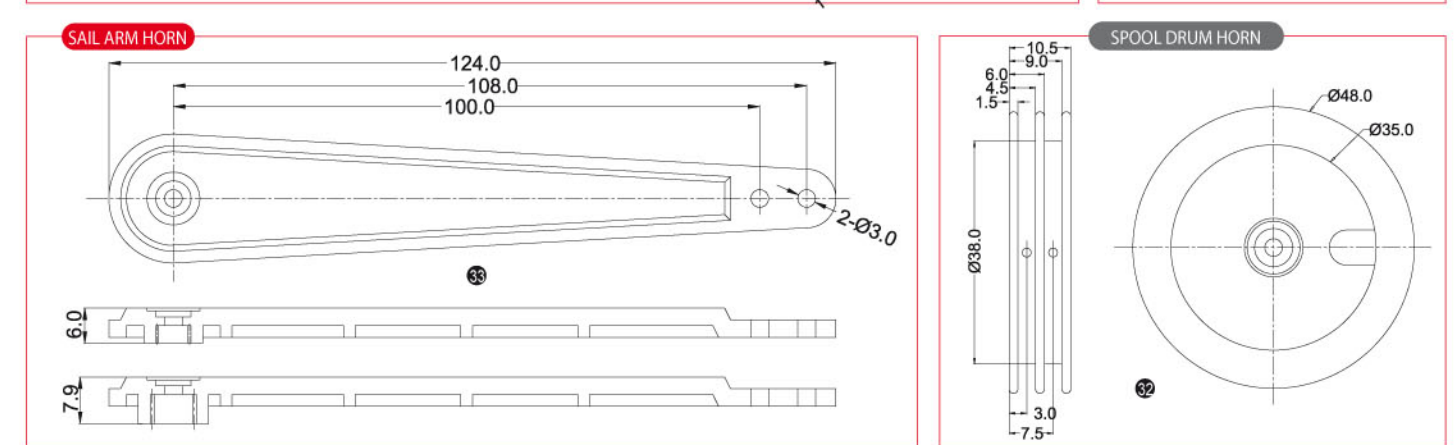
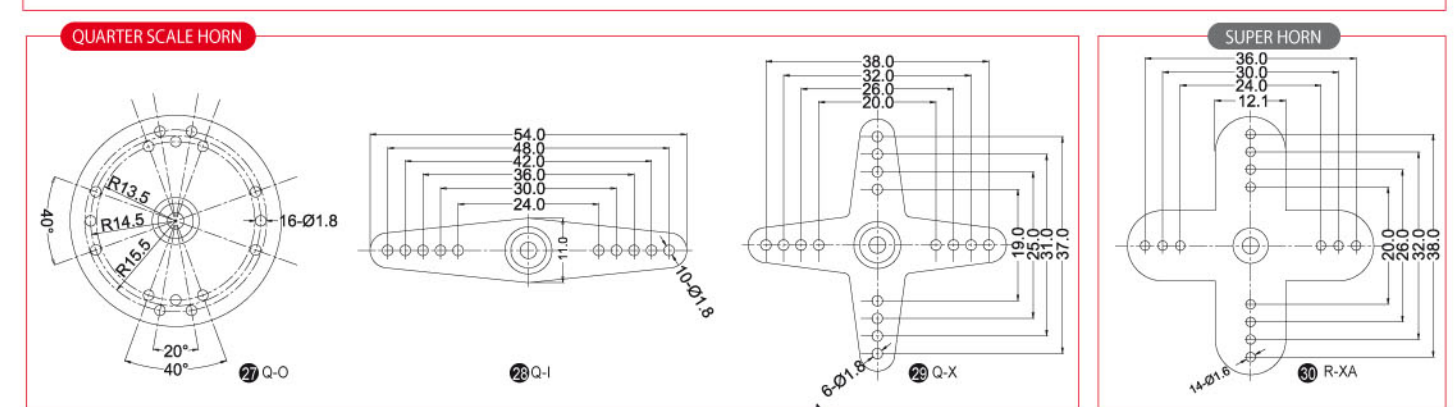
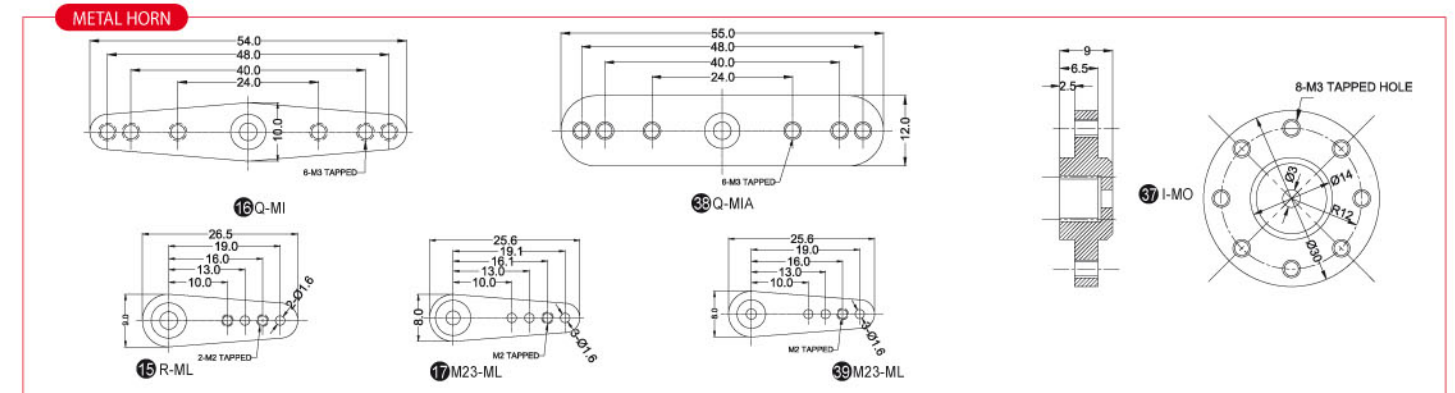
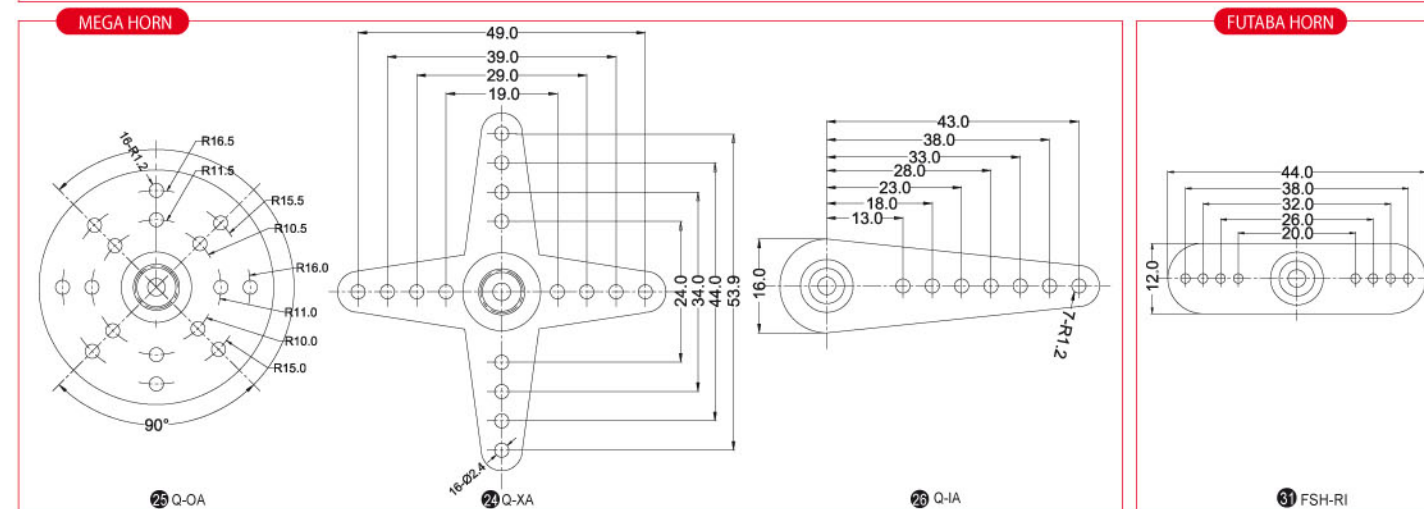
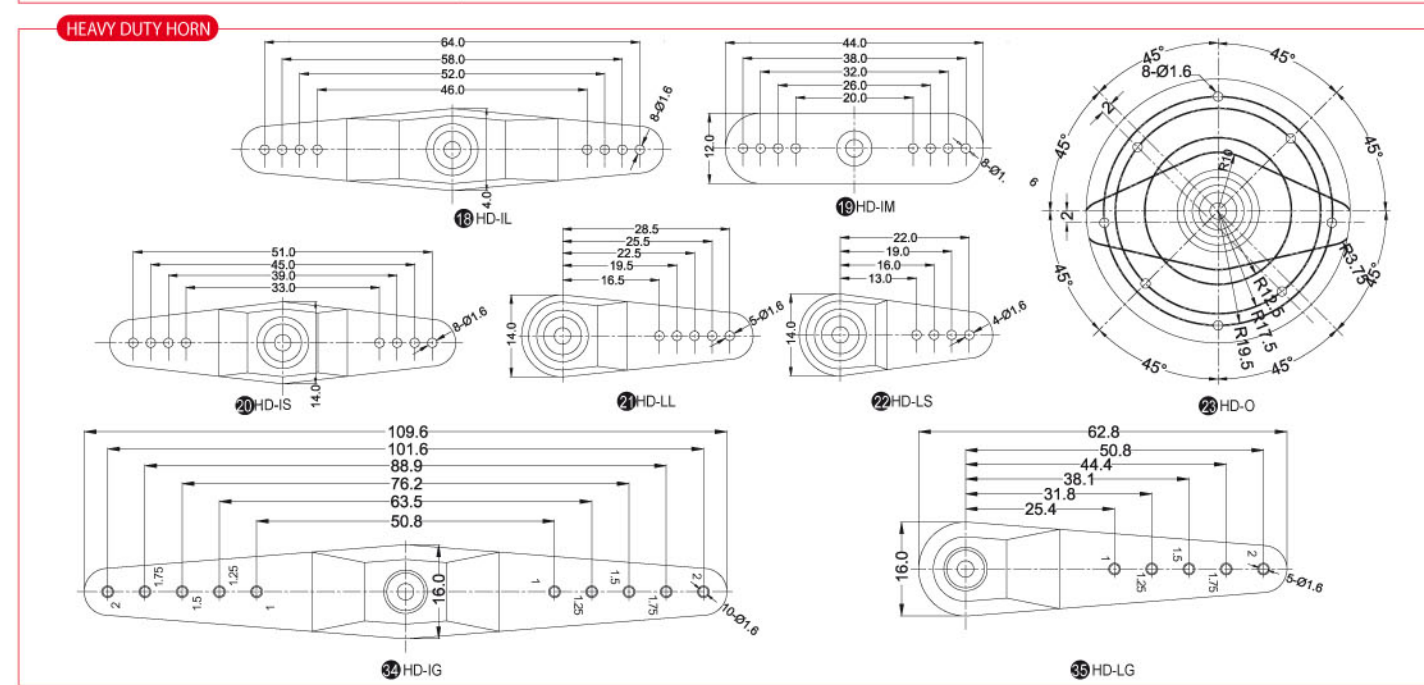
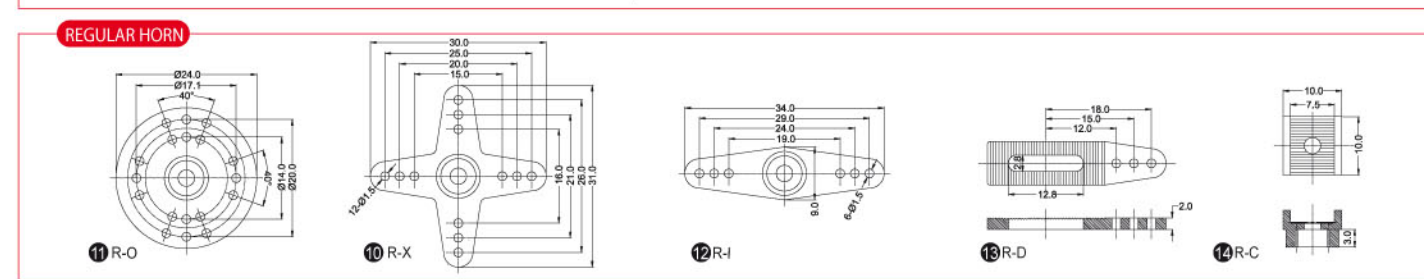
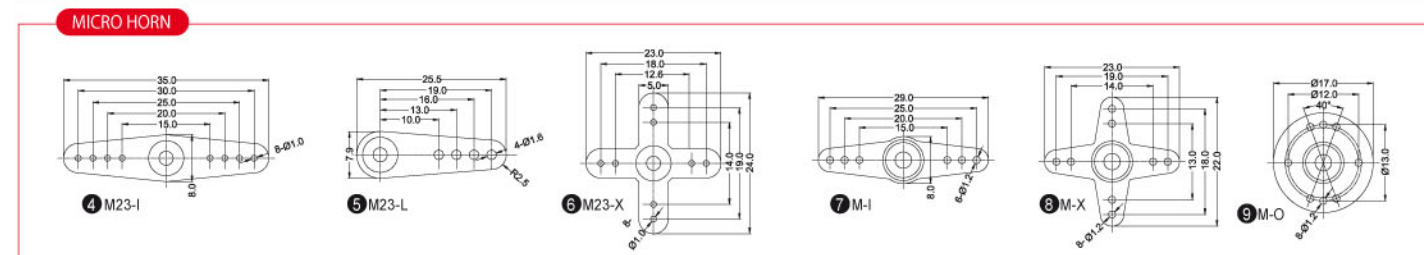
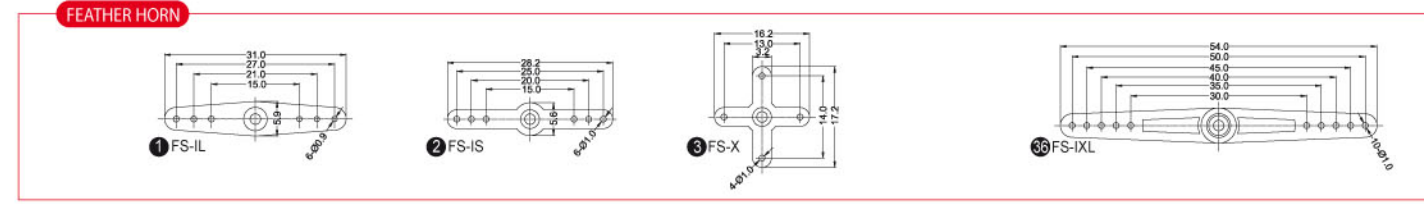
**Ni-MH SMPS Overnight Charger**  
- SMPS (Switching Mode Power Supply) Type  
- Charger for Receiver & Transmitter  
- NiMH Battery  
- Charging Capacity : 80mAh  
- 7.2V(6CELLS) for Tx and 4.8V for Rx NiMH Battery

Stock #  
CG-S42 220V : # 44420  
CG-S45 110V : # 44450





# Servo Accessories 39 Types



**Servo Horn & Hardware Set**

Part No.	Horn No.	Servo/Horn & Hardware	Servos
55709	18 20 21 22 23	HEAVY DUTY SPLINED HORN SET	HS-765/5745/5925/5945/5975/6965/6985/7966/671975/517955/7954/7940/7950/7945TH/5646WP
55710	20 22 23	HEAVY DUTY SPLINED HORN SET	HS-475/625/645/925/945/5475/5625/6635/965/985/5965/5985MG/5565/5585MH
55706	5	MICRO SPLINED HORN SET (2PC)	HS-125MG/5125MG
55707	17	METAL SPLINED HORN (HALF 1PC)	HS-5125MG
55708	1 2 3 20	FEATHER SPLINED HORN SET	HS-45/50/55/5045HB/5055MG / 35HD HORN SET / 5035HD
55711	4 5 6	MICRO SPLINED HORN SET	HS-56HB/5056MG HORN SET
55718	4 5 6	MICRO SPLINED HORN SET	HS-65HB/65MG/ 5065MG / A5076HB HORN & HARDWARE SET
55712	20 22 23	HEAVY DUTY SPLINED HORN SET	HS-635HB
55713	18 20 21 23	HEAVY DUTY SPLINED HORN SET	HS-755HB/755MG
55701	15	METAL SPLINED HORN SET (STANDARD HALF 1PC)	HS-5245/5625/5645/5925/5945MG/7235/7245MH
55702	16	METAL SPLINED HORN (1PC)	HS-5745MG
56315	10 11 12 13 14	REGULAR SPLINED HORN SET	HS-77/225/300/303/422/525/545/605/625/645/485/7235/7245MH
56336		REGULAR SPLINED HARDWARE	HS-75/77/225/311/322/325/422/425/525/545/5245MG
56317	10 11 12 13 14	REGULAR SPLINED HORN & HARDWARE	HS-75/77/225/311/322/325/422/425/525/545/5245MG/7775MG/7235/7245MH
56316	27 28 29	QUARTER SCALE SPLINED HORN SET	HS-705MG
56340		QUARTER SCALE SPLINED HARDWARE SET	HS-705MG
56326	7 8 9	MICRO SPLINED HORN SET	HS-81/82/85/5082MG/5085MG/HSG-5083MG/5086WP/5087MH
56327	7 8 9	MICRO SPLINED HORN & HARDWARE SET	HS-81/82/85/5086WP/5087MH
56318	24 25	MEGA SPLINED HORN & HARDWARE SET	HS-805BB/815BB/5805MG
56314	32	SPOOL DRUM SPLINED (1PC)	HS-785BB
56361	33	SAIL ARM SPLINED (1PC)	HS-765HB
56362	33	SAIL ARM SPLINED (1PC)	HS-815HB
56402	30	SUPER SPLINED HORN (2PCS)	HS-225/311/475/525/545/625/645/925/945/5475/5625/5925/5945/6635HB/5646WP/640WP
55714	18	HEAVY DUTY HORN SET FOR CAR USAGE	HSC-5996/5997/5998TG and other Standard Servos/7775
55726	14 33	GIANT HORN SET FOR REGULAR SERVO (HD-IG/LG)	HS-7980TH/HS-M7990TH
55725	24 25 26	MEGA SPLINED HORN & HARDWARE SET	HS-5755MG / 5765MH HORN SET
55728	20 22 23 25	HEAVY DUTY HORN SET	HS-5495BH / 5496MH
55729	25	RESIN HORN 4PCS SET	HS-7115TH



**SERVO GEAR SET ( Nylon & KARBONITE )**

Stock #	Servo
55001	HS-55 GEAR SET
55002	HS-311/322/325BB GEAR SET
55003	HS-322HD/325HB KARBONITE GEAR SET
55004	HS-475HB/5475HB KARBONITE GEAR SET
55005	HS-5975/6975/7975HB KARBONITE GEAR SET (w/o Ball Bearing)
55006	HS-635HB/HS-6635HB KARBONITE GEAR SET
55007	HS-56HB KARBONITE GEAR SET
55008	HS-755HB KARBONITE GEAR SET
55009	HS(C)-6965/7966HB KARBONITE GEAR SET (w/o Ball Bearing)
55010	HS-6965HB KARBONITE GEAR SET WITH BALL BEARINGS
56405	HS-A5076HB KARBONITE GEAR SET (w/o 1st Gear)

Stock #	Servo
55011	HS-765HB KARBONITE GEAR SET
55012	HS-785HB KARBONITE GEAR SET
55013	HS-65HB KARBONITE GEAR SET
55025	HS-45HB/5045HB KARBONITE GEAR SET (w/o 1st Gear)
56403	HS-81 GEAR SET
56365	HS-85BB+ GEAR SET
56343	HS-75BB GEAR SET
56370	HS-77BB GEAR SET
56341	HS-205BB/225BB GEAR SET/5565MH
56325	HS-300/HS-300BB/HS-303 GEAR SET
56408	HS-35HD/ 5035HD KARBONITE GEAR SET

Stock #	Servo
56334	HS-422/HS-425 GEAR SET
56345	HS-525BB GEAR SET
56346	HS-545BB GEAR SET
56319	HS-605BB GEAR SET
56390	HS-700BB GEAR SET
56360	HS-715BB GEAR SET
56348	HS-725BB GEAR SET
56350	HS-805BB/HS-815BB GEAR SET
56355	HS-50 GEAR SET
55030	HS-5485HB/485HB/5495HB KARBONITE GEAR SET

**SERVO GEAR SET ( METAL ) NOTE - MK: Metal Karbonite, MP: Metal Plastic**

Stock #	Servo
56383	HS-945MG/5945MG METAL GEAR (MP first gear)
55014	HS-965/985/5965/5985/5995/5996/5997/7954/ MK 1st GEAR (3PCS)
55015	HS-925/945/5925/5945 MP FIRST GEAR SET (3PCS)
55016	HS-625/645/5625/5645/5646/5647/5648/5649/5650 MP 1st GEAR SET
55017	HS-5745 MP FIRST GEAR SET (3PCS)
55018	HS-225/5245 MP FIRST GEAR SET (3PCS)
55019	HS-125/5125 MP FIRST GEAR SET (3PCS)
55023	HSG-5083MG MP FIRST GEAR SET (1PCS)
55302	HS-625MG/5625/5645/5646/5647/5648/5649/5650 MP FIRST GEAR SET (MP FIRST GEAR)
55303	HS-645MG/5648/5649/5650 MP FIRST GEAR SET (MP 1st GEAR)
56410	HS-805MG/5805MG GEAR SET
55333	HS-7980TH/M7990TH GEAR SET/ MK 1st GEAR (3PCS)
55338	HS-7235MH GEAR SET

Stock #	Servo
55304	HS-5735MG METAL GEAR SET (MP FIRST GEAR)
56398	HS-705MG METAL GEAR SET
56382	HS-925MG/5925/5945 MP FIRST GEAR SET (MP first gear)
55301	HS-5125MG/HS-125MG GEAR SET
56386	HS-11MG METAL GEAR SET (ALL METAL)
56388	HS-85MG/5085MG METAL GEAR SET
56394	HS-525MG METAL GEAR SET
56396	HS-205/225MG/5245MG METAL GEAR SET
56397	HS-605MG METAL GEAR SET
55313	HS-965MG/5965/5985/5996/5997/7954/ MK FIRST GEAR
55328	HS-775MG METAL GEAR SET
55329	HS-5755MG GEAR SET
55339	HS-5765MH METAL GEAR SET

Stock #	Servo
55314	HS-985MG/5985MG/7985MG METAL GEAR SET (MK FIRST GEAR)
55315	HS-65MG/5065MG METAL GEAR SET
55316	HS-755MG METAL GEAR SET
55021	HSG-5083MG METAL GEAR SET
55323	HS-5055MG METAL GEAR SET
55324	HS-5056MG METAL GEAR SET
55021	HSG-5083MG METAL GEAR SET (MP FIRST GEAR)
56377	HS-7954SH STEEL GEAR SET
55326	HS-7940TH/7945TH/7950TH Metal Karbonite 1st GEAR SET (3PCS)
56388	HS-85/5086/5087 METAL GEAR SET
55335	HS-5496MH METAL GEAR SET
55342	HS-5565/5585 MK 1st GEAR SET(3pcs.)

**SERVO CASE SET**

Stock #	Servo
55409	HS-475HB/5475HB CASE SET
55410	HS-5975/6965/6975/6985/7966/7975HB CASE SET
55403	HS-311/322/325BB/322HD/325HB CASE SET
55408	HS-5125MG/HS-125MG CASE SET
56354	HS-50 CASE SET
55404	HS-50 CASE SET (BLUE)
55401	HS-55 CASE SET
55405	HS-55/5055MG CASE SET (BLUE)
55412	HS-56HB/ 5056MG CASE SET
55418	HS-65HB / 65MG/5065MG CASE SET
56404	HS-81/81MG CASE SET
56323	HS-80 & HS-80MG CASE SET
56366	HS-85HB/HS-85MG/5085MG/5087MH CASE SET
56409	HS-35HD/5035HD CASE SET
55436	HS-5665/5568MH CASE SET
55343	HS-5585MH GEAR SET

Stock #	Servo
56344	HS-75BB/77BB CASE SETS
55428	HS-45HB/5045HB CASE SET (BOTTOM & TOP CASE ONLY)
56342	HS-225MG/225BB/5245MG CASE SET
55421	HSG-5083MG CASE SET
56339	HS-422/425BB CASE SET
56347	HS-525/545BB CASE SET
56320	HS-605BB/605MG/615MG CASE SET
55402	HS-625MG/645MG/5625MG/5645MG CASE SET
55411	HS-635HB/HS-6635HB CASE SET
56391	HS-700BB/705MG/715BB CASE SETS
56349	HS-725BB CASE SET
55413	HS-755/765/755MG CASE SET
55406	HS-5735MG CASE SET (W/O ALUMINUM HEAT SINK)
56415	HS-7980TH/M7990TH CASE SET
55437	HS-785HB CASE SET
55344	HS-7115TH MK 1st GEAR SET (3pcs.)

Stock #	Servo
56352	HS-805BB+/HS-815BB /805MG/5805MG CASE SET
56351	HS-925MG/945MG/5925MG/5945MG CASE SET
55415	HS-5745MG CASE SET (W/O ALUMINUM HEAT SINK)
55414	HS(C)-5955/5996/5997/5998/7955/7954 CASE SET (w/o Heat Sink)
55416	HSR-5995TG CASE SET
55419	HS-5995TG CASE SET
55423	HS-965/985/5965/5985/7965/7985MG CASE SET
55430	HS-5485HB/485HB/5495HB/5496MH/5565/5585 CASE SET
56407	HS-7940/7945TH/7950TH/HSB-9360/9370/9380TH CASE SET (W/O Aluminum Heat Sink)
56406	HS-A5076HB CASE SET (Blue)
55433	HS-7775MG CASE SET
56414	HS-5755MG CASE SET
55336	HS-7245MH GEAR SET
55345	HS-7940/7945/7950/HSB-9360/9370/9380THMPD 1st GEAR SET(1pc.)
55439	HS-7115TH CASE SET



**OTHER SERVO ACCESSORIES**

Stock #	Part
55801	SERVO HORN SCREW FOR HITEC NYLON GEAR SERVOS (10 PCS)
55802	SERVO HORN SCREW FOR HITEC METAL GEAR SERVOS (10 PCS)
56306	VERTICAL MOUNT SET (4PCS) FOR (HS-60/81/85BB)
56307	SERVO WING MOUNT SET (HS-80/81, FP-S143, NES-341, 94501)
56361	SAIL ARM (1PCS) FOR HS-715BB /HS-765HB
56362	SAIL ARM (1PCS) FOR HS-815BB

Stock #	Part
56336	BIG BALL BEARING ONE PCS (FOR HS-805BB/815BB)
58450	HS-5995TG ROBOT BRACKET SET 01-A
58471	STANDARD BALL BEARING 1PCS
56314	SAIL WINCH DRUM HS-765HB/HS-725BB
56336	REGULAR SERVO MOUNTING HARDWARE
58450	SERVO GREASE
58493	SERVO MOUNTING TRAY SET FOR HS-7115TH (4pcs.)



**HEAVY DUTY AILERON EXTENSIONS / HEAVY DUTY MALE & FEMALE SERVO CONNECTORS**

Stock #	Extensions/Connectors
54601S	Male Servo Connector with Heavy Gauge Wire, Gold Pins
54602S	Female Servo Connector with Heavy Gauge Wire, Gold Pins
54603S	6" Heavy Gauge Wire Aileron Extension with Gold Pins
54604S	12" Heavy Gauge Wire Aileron Extension with Gold Pins
54605S	24" Heavy Gauge Wire Aileron Extension with Gold Pins
54606S	36" Heavy Gauge Wire Aileron Extension with Gold Pins

**CONNECTOR**

Stock #	Other MISC
56210	FEMALE RED BEC CONNECTOR
56211	MALE RED BEC CONNECTOR
57444	HITEC "S" HOUSING & PIN ONE SET
54801	HITEC "S" HOUSING & GOLD PIN ONE SET
57417	3 COLOR SERVO WIRE 50ft (15.24m)
54804	3 COLOR HEAVY GAUGE SERVO WIRE 50ft (15.24m)

**LIGHT WEIGHT SERVO CONNECTOR**

Stock #	Connector (HITEC "S")
54657	HS-35HD/5035HD SERVO CONNECTOR (250mm)

**REGULAR SERVO CONNECTOR**

Stock #	Connector (HITEC "S")
57342S	HITEC "S" SERVO CONNECTOR
57343S	HITEC "S" FEMALE SERVO CONNECTOR

**HEAVY DUTY SERVO CONNECTOR**

Stock #	Connector (HITEC "S")
54601S	HITEC "S" HEAVY DUTY SERVO CONNECTOR
54602S	HITEC "S" HEAVY DUTY FEMALE SERVO CONNECTOR

**HEAVY DUTY "Y" EXTENSIONS**

Stock #	Heavy Extensions
54701S	6" Heavy Duty "Y" Harness with Gold Pins
54702S	24" Heavy Duty "Y" Harness with Gold Pins

**"Y" EXTENSIONS**

Stock #	Extensions
57351S	6" "Y" Harness
57350S	24" "Y" Harness

**AILERON EXTENSIONS**

Stock #	Extensions
57344	6" Servo Extension
57345	12" Servo Extension
57346	24" Servo Extension
57347	36" Servo Extension

**HEAVY DUTY "TWISTED" Wiring (Specifically Designed for Digital Servo Applications)**

Stock #	Wiring
54607S	MALE Servo Connector with Heavy Gauge "TWISTED" Wire, Gold Pins
54608S	FEMALE Servo Connector with Heavy Gauge "TWISTED" Wire, Gold Pins
54609S	6" Heavy Gauge "TWISTED" Wire Aileron Extension with Gold Pins
54610S	12" Heavy Gauge "TWISTED" Wire Aileron Extension with Gold Pins
54611S	24" Heavy Gauge "TWISTED" Wire Aileron Extension with Gold Pins
54612S	36" Heavy Gauge "TWISTED" Wire Aileron Extension with Gold Pins
54703S	6" Heavy Gauge "TWISTED" Wire "Y" Harness with Gold Pins
54704S	24" Heavy Gauge "TWISTED" Wire "Y" Harness with Gold Pins
55810S	Twisted Heavy Duty Servo Connector

**Hitec's Genuine NiMH Battery Packs**

**TX & RX NiMH / NiCd Battery Packs**

Stock #	Battery packs
54114	TX NiMH BATTERY PACK 9.6V, 1,600mAh ELCO (CYLINDER TYPE) for Optic6, Eclipse, Laser 4/6, Flash, Neon SS
54115	TX NiMH BATTERY PACK 9.6V, 1,600mAh ELCO (FLAT TYPE) for Aggressor CRX and SRX
54117	RX NiMH BATTERY PACK 4.8V, 1,600mAh, S-01 (FLAT TYPE)
54124	TX NiMH BATTERY (6CELL) PACK 7.2V, 1,300mAh (CYLINDER TYPE FOR OPTIC 6 SPORT)
54118	RX NiMH BATTERY PACK 4.8V, 750mAh, S-01 (FLAT TYPE)

**TX & RX NiMH / NiCd Battery Packs**

Stock #	Battery packs
54121	RX NiMH BATTERY PACK 4.8V, 1,200mAh S-01 (FLAT TYPE)
54128	TX NiMH BATTERY PACK 7.2V, 1,300mAh (FLAT TYPE FOR 6CELL BATT. RADIO)
54129	TX NiMH BATTERY PACK 7.2V, 1,600mAh (FLAT TYPE FOR 6CELL BATT. RADIO)
54130	TX NiMH BATTERY PACK 7.2V, 2,000mAh (FLAT TYPE HIGH CAPACITY 6CELL BATT. RADIO)



**Accessories**

**Die-casted Alloy Transmitter Balancer (Red)**  
This will give you the best balance position for your Aurora 9. The great look of red colored anodized balancer is the best match with your control knobs.  
Stock# 55843 : Red

**Die-casted Alloy Stick Knob (Red & Silver)**  
Sharp edged die-case alloy control stick knob can give you the most secured control knob holding power during the flight control.  
Stock# 55838 : Silver  
Stock# 55839 : Red

**Die-casted Alloy Servo Horn (Blue)**  
Powerful servos requires great servo horn, not only the durability but also the great look, these servo horns feature pre-adjusted splines for a perfect fit.  
Stock# 55701 : R-ML  
Stock# 55702 : Q-MI  
Stock# 55707 : M23-ML  
Stock# 55723 : Q-MIA (Blue)

**Neck Strap (Red & Black)**  
Cotton textured Hitec's neck strap will give you a comfortable and soft feeling during the long flight. Adjustable length and Chromed metal hooked neck strap comes in two different colors  
Stock# 58311 : Red  
Stock# 58312 : Black

**Aurora 9 Tray Set (Tray + X-Strap)**  
Exclusively designed transmitter tray for Aurora 9 is made with durable Acrylic and Die-casted Alloy frames. Artificial leather palm rests allow you to enjoy a long flight  
Stock# 58494 : Aurora 9 Tray

**Transmitter AL Case**  
High quality Aluminum Transmitter Case to protect your valuable investment from damage.  
Stock# 55445



# Accessories

## TX & RX Antenna

Stock #	Antenna
58001	ANTENNA FOR RANGER 2N AM & FM /AGGRESSOR AM
58004	ANTENNA FOR FOCUS / FLASH /NEON SS FM
58005	ANTENNA FOR OPTIC 6/ECLIPSE /LASER /PRISM
58011	REGULAR RECEIVER ANTENNA FOR AIR USAGE
58006	ANTENNA FOR LYNX 3D
58007	ANTENNA FOR LYNX SPORT /RANGER 2Z
54001	FEATHER RECEIVER GREEN ANTENNA FOR AIR USAGE (WITH BOBBIN)
54002	REGULAR RECEIVER RED ANTENNA FOR SURFACE USAGE



## TX & RX Battery Holder & Switch Harness

Stock #	Battery Holder & Switch Harness Part
54409	TX BATTERY HOLDER FOR OPTIC 6 /NEON SS FM
54410	TX BATTERY HOLDER FOR AGGRESSOR SERIES
57201	LOW CHANNEL RECEIVER BATTERY BOX
57216	HIGH CHANNEL RECEIVER BATTERY BOX
58101	PRISM/FLASH/LYNX/FOCUS SS TX BATTERY HOLDER
57202S	LOW CHANNEL SWITCH HARNESS
57203	SWITCH HARNESS & BATTERY BOX (7201 + 7202)
57215S	HITEC "S" HIGH CHANNEL SWITCH HARNESS WITH RX CHARGER CORD
54407S	HITEC "S" HEAVY DUTY HIGH CHANNEL SWITCH HARNESS WITH RX CHARGER
57217	SWITCH HARNESS & BATTERY BOX (7215 + 7216)
54401	SWITCH HARNESS WITH RX CHARGER CORD (USED WITH DSC CORD)
54402	MINI SIZE (AAA SIZE) RECEIVER BATTERY BOX 5-01
54403	MICRO SWITCH HARNESS
54404	MICRO S/W HARNESS & AAA SIZE BATT. BOX (54402+54403)



## TX & RX Charger Cord

Stock #	Cord
56371	TX CHARGER CORD
56375	BANANA JACK W/ 8CELL TX CHARGER CORD
56376	BANANA JACK W/ 6CELL TX CHARGER CORD
57372	RX CHARGER CORD (500mml)
57376	BANANA JACK W/RX CHARGER CORD
57377	TX & RX CHARGER CORD WITH BANANA JACK (56375 + 57376)
57416	ADAPTOR TO CHARGE 2CH RX NICD
58307	ADAPTOR TO CHARGE PRISM/FLASH TX NICD



## 2.4GHz System Accessories

Stock #	Battery Holder & Switch Harness Part
54411	External Set Up Switch for Optima 9ch Receiver
57437	SPC Wire Connector(J) (2pcs)
57438	SPC Jumper Key (3pcs)
58108	Adjustable Spectra 2.4 Antenna Base for Transmitters (Hitec, Futaba Models)
55833	HTS-ORPM (Optical RPM Sensor)
55842	HTS-MRPM (Magnetic RPM Sensor)
55834	HTS-TEMP (Temperature Sensor)
55835	HTS-FUEL (Fuel Sensor)
55836	HTS-GPS (GPS Sensor)
44470	Telemetry Monitoring PC Software (*Requires HPP-22)
58474	BODA Antenna Holder (10pcs)
58008	M-BODA (Mini Omni-Directional Antenna) for Atom 3
55851	HTS-VOLT (Voltage Sensor - measure up to 100V)
55850	HTS-C50 (Current Sensor - measure up to 50Amp, 0.1A/unit)
55855	HTS-C200 (Current Sensor - measure up to 200Amp, 1.0A/unit)



## Miscellaneous Transmitter Accessories

Stock #	Part
54306	TUNING COVER FOR AGGRESSOR (PAINTABLE CLEAR, RED, BLUE)
54307	TUNING COVER FOR AGGRESSOR (CAMOUFLAGE)
54308	TUNING COVER FOR AGGRESSOR (SILVER CARBON)
54309	GRIP PAD FOR AGGRESSOR (THIN : RED, BLUE, BLACK)
54310	GRIP PAD FOR AGGRESSOR (THICK : RED, BLUE, BLACK)
54302	CH.1 AND 2 ATV FUNCTION ACCESSORY FOR NEON SS FM
54303	TRAINER PLUG AND SWITCH ACCESSORY FOR NEON SS FM
54304	CH 1 & 2 DUAL RATE SWITCH FOR NEON SS FM (MUST USE #54302 ATV BOARD)
54305	4TH CH THREE POSITION SWITCH ACCESSORY FOR NEON SS FM
55839	Control Stick Metal Knob (Red Color - For Laser, Optic, Eclipse, & Aurora)
55838	Control Stick Metal Knob (Silver Color - For Laser, Optic, Eclipse, & Aurora)
58310	ONE WAY TRAINER CORD (Between 8 Cells Batteries Radio)
58311	NECK STRAP (Red)
58312	NECK STRAP (Black)
58314	THROTTLE SPRING DEFEAT WITH SCREW FOR FOCUS 3SS/RANGER 2Z
54301	DSC DIRECT SERVO CONTROL CONNECTOR FOR LYNX 3D
58320	TRAINER CORD (Between 6CELL BATTERY TXs)
58321	TRAINER CABLE FULL PACKAGE (#58320 + Slave DIN + Master DIN) - For use between a 6 cell transmitter battery system and 8 cell transmitter battery system.)
58318	SIC HE (HU + EU) Complete SIC package
55843	Transmitter Balancer
55445	Aluminum Transmitter Carrying Case



# Analog Servos

MODEL	PART #	DESCRIPTION	TORQUE 4.8   6.0V Kg/Cm	SPEED 4.8   6.0V SEC.	BEARING	GEAR TYPE	SIZE L x W x H	WEIGHT g	POWER PLANES	SAIL PLANES	HELIS	CARS	TRUCKS	SAILBOATS	BOATS
<b>NANO</b>															
HS-39HD	330358	NANO SERVO	0.8/1*	0.12/1*	NONE	DMP*	18.5 x 7.6 x 15.5	4.5							
<b>Micro and Mini</b>															
HS-49HB	330456	AGIT FEATHER SERVO	1.8/1*	0.14/1*	TOP BB	KARBONITE	23.8 x 9.8 x 22.4	8							
HS-55	319555	ECONOMY FEATHER SERVO	1.2/1.5	0.18/0.14	NONE	NYLON	22.8 x 11.6 x 24	8							
HS-56HB	330555	PREMIUM FEATHER SERVO	1.0/1.2	0.12/0.10	TOP BB	KARBONITE	22.8 x 11.6 x 24	10.7							
HS-65HB	330655	MIGHTY KARBONITE FEATHER SERVO	1.8/2.2	0.14/0.11	TOP BB	KARBONITE	22.8 x 11.6 x 24	11.2							
HS-65MG	320655	MIGHTY METAL GEAR FEATHER SERVO	1.8/2.2	0.14/0.11	TOP BB	METAL	22.8 x 11.6 x 24	11.9							
HS-81	310815	STANDARD MICRO SERVO	2.6/3.0	0.11/0.09	NONE	NYLON	29.8 x 12 x 29.6	16.6							
HS-80MG	320825	STANDARD METAL GEAR MICRO SERVO	2.6/3.4	0.12/0.10	NONE	METAL	29.8 x 12 x 29.6	19							
HS-85BB	310855	PREMIUM MICRO SERVO	3.0/3.5	0.16/0.14	TOP BB	NYLON	29 x 13 x 30	19.2							
HS-85MG	320855	PREMIUM METAL GEAR MICRO SERVO	3.0/3.5	0.16/0.14	TOP BB	METAL	29 x 13 x 30	21.9							
HS-125MG	321255	SLIM METAL GEAR WING SERVO	3.0/3.5	0.17/0.13	DUAL BB	METAL	30 x 10 x 34	24							
HS-228BB	312255	MIGHTY MINI SERVO	3.9/4.8	0.14/0.11	TOP BB	NYLON	32.4 x 16.8 x 31	27							
HS-225MG	322255	METAL GEAR MIGHTY MINI SERVO	3.9/4.8	0.14/0.11	TOP BB	METAL	32.4 x 16.8 x 31	31							
<b>Standard Sport</b>															
HS-75BB	310755	RETRACT SERVO	6.6/8.2	0.45/0.34	TOP BB	NYLON	44 x 23 x 25	35							
HS-77BB	310775	LOW PROFILE SERVO	4.4/5.5	0.18/0.14	TOP BB	NYLON	44 x 23 x 25	35							
HS-311	313115	STANDARD ECONOMY SERVO	3.0/3.5	0.19/0.15	NONE	NYLON	40 x 20 x 36.5	43							
HS-322HD	333225	STANDARD HEAVY DUTY SERVO	3.0/3.7	0.19/0.15	NYLON	KARBONITE	40 x 20 x 36.5	43							
HS-329HB	333255	STANDARD BALL BEARING SERVO	3.0/3.7	0.19/0.15	TOP BB	KARBONITE	40 x 20 x 36.5	43							
HS-422	314225	DELUXE STANDARD SERVO	3.3/4.1	0.21/0.16	DUAL OILITE	NYLON	40.8 x 19.8 x 36.6	45.5							
HS-425BB	314255	DELUXE BALL BEARING SERVO	3.3/4.1	0.21/0.16	DUAL BB	NYLON	40.8 x 19.8 x 36.6	45.5							
HS-455HB	334555	DELUXE HD BALL BEARING SERVO	4.8/6.8	0.22/0.18	TOP BB	KARBONITE	39.8 x 19.8 x 38	45							
<b>Premium Sport</b>															
HS-625MG	326255	HIGH SPEED METAL GEAR SERVO	5.5/6.8	0.18/0.15	DUAL BB	METAL	39.8 x 19.8 x 36	55.2							
HS-639HB	336355	KARBONITE HIGH TORQUE SERVO	5.0/6.0	0.18/0.15	DUAL BB	KARBONITE	40.6 x 19.8 x 38.8	50							
HS-645MG	326455	HIGH TORQUE METAL GEAR SERVO	7.7/9.6	0.24/0.20	DUAL BB	METAL	40.6 x 19.8 x 37.3	55.2							
HS-965MG	329655	HIGH SPEED CORELESS METAL GEAR SERVO	7.4/9.5	0.13/0.10	DUAL BB	METAL	40 x 20 x 37	62							
HS-965MG	329655	HIGH TORQUE CORELESS METAL GEAR SERVO	9.6/12.4	0.16/0.13	DUAL BB	METAL	40 x 20 x 37	62							
<b>Giant Scale</b>															
HS-759HB	337555	KARBONITE GIANT SCALE SERVO	11.0/13.2	0.28/0.23	DUAL BB	KARBONITE	59 x 29 x 50	110							
HS-755MG	327555	METAL GEAR GIANT SCALE SERVO	12.0/14.4	0.28/0.23	DUAL BB	METAL	59 x 29 x 50	117							
HS-805BB	318055	MEGA GIANT SCALE SERVO	19.8/24.7	0.19/0.14	DUAL BB	NYLON	66 x 30 x 57.6	152							
HS-805MG	328055	MEGA METAL GEAR SERVO	19.8/24.7	0.19/0.14	DUAL BB	METAL	66 x 30 x 57.6	157							
<b>Waterproof</b>															
HS-640WP	326455	ANALOG WATERPROOF	9.6/11.6	0.26/0.22	DUAL BB	METAL	41.8 x 21 x 40	61							
<b>Boat</b>															
HS-769HB	337655	SAIL CONTROL SERVO	11.0/13.2	0.28/0.23	DUAL BB	KARBONITE	59 x 29 x 50	110							
HS-769HB	337655	35 TURIN WINDH SERVO	11.0/13.2	1.68/1.38	DUAL BB	KARBONITE	59 x 29 x 50	110							
HS-815BB	318155	MEGA SAIL SERVO	19.8/24.7	0.19/0.14	DUAL BB	NYLON	66 x 30 x 57.6	152							

# Digital Servos

MODEL	PART #	DESCRIPTION	TORQUE 4.8   6.0V Kg/Cm	SPEED 4.8   6.0V SEC.	BEARING	GEAR TYPE	SIZE L x W x H	WEIGHT g	POWER PLANES	SAIL PLANES	HELIS	CARS	TRUCKS	SAILBOATS	BOATS
<b>Digital Micro and Mini</b>															
HS-5039HD	35035	DIGITAL NANO SERVO	0.79/1*	0.12/1*	NONE	MPD*	18.5 x 7.6 x 15.2	4.5							
HS-5045HB	35045S	AGIT MICRO SERVO	1.8/1*	0.12/1*	TOP BB	KARBONITE	23.8 x 9.8 x 22.4	8.5							
HS-5055MG	35055S	ECONOMY METAL GEAR FEATHER SERVO	1.3/1.6	0.20/0.17	NONE	METAL	22.8 x 11.6 x 24	9.5							
HS-5056MG	35056S	PREMIUM METAL GEAR FEATHER SERVO	1.2/1.4	0.12/0.10	TOP BB	METAL	22.8 x 11.6 x 24	12.7							
HS-5065MG	35065S	HIGH TORQUE METAL GEAR FEATHER SERVO	1.8/2.2	0.14/0.09	TOP BB	METAL	22.8 x 11.6 x 24	11.9							
HS-45079HB	35079	DIGITAL SLIM	2.5/3.0	0.14/0.11	TOP BB	KARBONITE	27.6 x 10.8 x 29	14.3							
HS-5085MG	35085S	PREMIUM METAL GEAR MICRO SERVO	3.6/4.3	0.17/0.13	TOP BB	METAL	29 x 13 x 30	21.9							
HS-5125MG	35125S	SLIM METAL GEAR WING SERVO	3.0/3.5	0.17/0.13	DUAL BB	METAL	30 x 10 x 34	24							
HS-5245MG	35245S	MINI METAL GEAR SERVO	4.4/5.5	0.15/0.12	DUAL BB	METAL	32.4 x 16.8 x 30.8	32							
<b>Digital Sport</b>															
HS-5485HB	35485S	STANDARD KARBONITE DIGITAL SERVO	5.2/6.4	0.20/0.17	TOP BB	KARBONITE	39.8 x 19.8 x 38	45							
HS-5625MG	35625S	HIGH SPEED METAL GEAR SERVO	7.9/9.4	0.17/0.14	DUAL BB	METAL	40.6 x 19.8 x 37.8	60							
HS-5645MG	35645S	HIGH TORQUE METAL GEAR SERVO	10.3/12.1	0.23/0.18	DUAL BB	METAL	40.6 x 19.8 x 37.8	60							
HS-5635HB	36355S	HIGH TORQUE KARBONITE SERVO	7.8/9.2	0.18/0.15	DUAL BB	KARBONITE	39.8 x 19.8 x 38.8	52							
<b>Digital Premium</b>															
HS-775MG	37755S	LOW PROFILE MG CORELESS SERVO	7.2/9.0	0.12/0.10	DUAL BB	METAL	40.4 x 21 x 25.4	49							
HS-795TG	37955S	HIGH TORQUE TITANIUM GEAR CORELESS SERVO	18.0/24.0	0.19/0.15	DUAL BB	TITANIUM	40 x 20 x 37	65							
HS-795MG	37955S	HIGH SPEED METAL GEAR CORELESS SERVO	8.0/10.0	0.13/0.10	DUAL BB	METAL	40 x 20 x 37	65							
HS-796HB	37965S	HIGH SPEED KARBONITE CORELESS SERVO	6.6/8.0	0.10/0.08	DUAL BB	KARBONITE	40 x 20 x 37	53							
HS-797HB	37975S	HIGH TORQUE KARBONITE CORELESS SERVO	6.6/8.2	0.14/0.11	DUAL BB	KARBONITE	40 x 20 x 37	52							
HS-798MG	37985S	HIGH TORQUE METAL GEAR CORELESS SERVO	10.4/12.4	0.16/0.13	DUAL BB	METAL	40 x 20 x 37	62							
<b>Digital Giant Scale</b>															
HS-575MG	35755S	METAL GEAR GIANT SERVO	20/25	0.18/0.15	TRIPLE BB	METAL	59 x 29 x 52	172.3							
HS-5805MG</															