

2006

HITEC PRODUCT LINE

**RADIO CONTROL SYSTEMS
RECEIVERS
SERVOS
SPEED CONTROLLERS
CHARGERS
ACCESSORIES**

OPTIC 6 6 Channel FM Computer Aircraft Radio

Hitec's Optic 6 FM/QPCM six channel FM computer radio system re-defines the 6 channel marketplace. The Optic 6 is loaded with Power Plane, Sailplane, Helicopter programming and a large 8 model memory. Available in 7 different system configurations, the Optic 6 offers assignable switches, throttle lock, dual timer functions and two slider switches. Applications include full house sailplanes, electric and glow fixed wing planes and helicopters. The Optic's "Quick Signal" Q-PCM systems is also a great match for gas powered planes and heli's.

OPTIC 6



Stock # 158721 Standard Version

Includes: Transmitter, 4 HS-325HB Ball Bearing Servos and Supreme Receiver, With Rechargeable Transmitter and Receiver Batteries with AC Charger

Stock # 158722 SPECTRA Version

Includes: Transmitter w/ SPECTRA Module
With Rechargeable Transmitter Batteries and AC Charger

Stock # 158723 SPECTRA Version w/Supreme Receiver

Includes: Transmitter w/ SPECTRA Module, Supreme Receiver
With Rechargeable Transmitter Batteries and AC Charger



New Small Electric Plane System!

Stock# 158726

Includes: Transmitter, Electron Receiver, Two HS-55s
With Rechargeable Transmitter Batteries and AC Charger

Standard Programming

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

ACRO/Glider Programming

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

HELI Programming

- 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 New Features

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



SPECTRA Synthesized
RF Module



2 Slider Controls and
Function Assignable Switches



Adjustable sticks



Big easy to read screen



SPECTRA 72

**72MHz Transmitter
Frequency Synthesizer Module**

Application

Designed for use in the Hitec Eclipse,
Optic and Prism radio transmitters

Specifications

Modulation
FM and Q-PCM / PCM
Frequency Band 72MHz
Stock# 24472

OPTIC 6 Q-PCM 6 Channel Q-PCM Aircraft Computer Radio

For those that demand that extra level of performance and reliability, Hitec's radio R&D department has created a "super fast response" PCM technology we called "Q-PCM". This new "Quick" PCM signal sets a new industry standard with an incredible 0.023 second response rate, nearly 150% faster than any other PCM technology!

Quick Response Q-PCM With Shock Absorber Technology

Combine the New OPTIC Transmitter With Our New Affordable HPD-07RH 7 Channel Q-PCM Receiver Equipped with HITEC Shock Absorber Technology.

Stock # 158724 Q-PCM Version

Includes: Transmitter, 4 HS-325HB Ball-Bearing Servos,
7-channel Q-PCM (HPD-07RH) Receiver,
With Rechargeable Transmitter
and Receiver Batteries with AC Charger

Stock # 158725 Spectra Q-PCM Transmitter Version

Includes: Transmitter with Spectra Synthesizer Module,
7-channel Q-PCM Receiver (HPD-07RH)
With Rechargeable Transmitter, Batteries with AC Charger



**HPD-07RH
Q-PCM 7 Channel Receiver**
See page 20
for detailed information.

ECLIPSE 7 Q-PCM 7 Channel Q-PCM Aircraft Computer Radio

Hitec's most sophisticated computer aircraft radio is the Eclipse 7 FM, featuring 7 channels and a 7 model memory. The Eclipse has specific programming for fixed wing, glow, gas or electric planes, helicopters and sailplanes. Plus with the "Selectable Shift" function, you can operate any modern FM receiver and when used with the optional Spectra 72MHz frequency synthesizer module you can transmit on any of the fifty, 72MHz channels with the twist of a dial.

Features

- 7 Channel FM, PCM Signal
- 7 Model Memory
- Heli Mode
- Fixed Wing Mode
- Glider Mode
- Optional Spectra Frequency Synthesizer
- Digital Trims
- 7 Character Model Naming
- Three Conditional Mixes per Model Memory
- Five Programmable Mixes (Two in Heli Mode)
- Model Copy
- Sub Trims
- Shift Selectable
- In-Flight Timer and Alarm
- Low Tx Battery Warning
- End Point Adjustments for All Channels
- All Channel Servo Reversing
- Dual Rates on Channel 1, 2 and 4
- Exponential Rates on Channels 1, 2 and 4
- Data Reset to Defaults
- Trainer Jack and Switch
- Throttle Cut Switch
- Auto Engine Cut Switch
- Engine Hold



ECLIPSE 7

Acro :

Landing Mix
Flap Trim Adjust
Elevator-Flap Mix
Aileron-Rudder Mix
Elevon Mix
V-Tail Mix
Flaperon Mix
Aileron Differential

Helicopter :

Throttle Cut
Rudder-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
Normal Swash Mode and
120 and 180 Degree
CCPM Modes

Glider :

(2 servo Wing Mode)
Camber Mix
Aileron Differential
V-Tail Mix
Elevator-Flap Mix
Aileron-Rudder Mix
Flap-Aileron Coupling
Flap-Elevator Coupling
Flap-Aileron Trim
(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



SPECTRA 72

**72MHz Transmitter
Frequency Synthesizer Module**

Application

Designed for use in the Hitec Eclipse, Optic and Prism radio transmitters

Specifications

Modulation
FM and Q-PCM / PCM
Frequency Band 72MHz
Stock# 24472

Stock # 171721 Airplane Version

Includes: Transmitter, 4 HS-422 Servos, 8 Ch. Supreme Receiver,
With Rechargeable Transmitter and Receiver Batteries with AC Charger

Stock # 171724 Transmitter Only w/Spectra Module

Includes: Transmitter w/Spectra Synthesizer Module,
With Rechargeable Transmitter Batteries, and AC Charger

Stock # 171728 Aircraft Spectra Version

Includes : Transmitter w/Spectra Module, 8 Ch. Supreme Receiver,
With Rechargeable Transmitter Batteries and AC Charger

ECLIPSE 7 Q-PCM 7 Channel Q-PCM Aircraft Computer Radio

Combine the Q-PCM Eclipse Transmitter With Our New Affordable
HPD-07RH 7 Channel Q-PCM Receiver Equipped with HITEC Shock Absorber Technology.

Stock # 172724 Q-PCM Spectra Version

Includes :
Transmitter, w/Spectra Synthesizer Module,
HPD-07RH QPCM 7 Channel Receiver,
With Rechargeable Transmitter Batteries
and AC Charger



**HPD-07RH
Q-PCM 7 Channel Receiver**
See page 20
for detailed information.

LASER 4 & 6 Four & Six Channel FM Aircraft/Surface Radio

Check out the powerful Laser 4 and 6 analog sport radio systems from Hitec. As you may expect, we loaded these transmitters with great features like Elevon and V-tail mixing built right into the radio, and as a bonus, the Laser 6 comes with aileron and elevator dual rates plus much more! For all the glider and micro airplane fans, we are offering two different versions of the Laser 4 systems just for you!



LASER 4

Features

- 4 Channel FM Transmitter
- All Channel Servo Reversing
- ATV on Ch. 1 and 2
- Ch. 1 and 2 "Elevon" Mixing Option
- Ch. 2 and 4 "V-tail" Mixing Option
- 5 LED Power Meter
- Trainer Switch
- Ergonomic Case
- Low Battery Alarm

Stock # 156721 Standard System

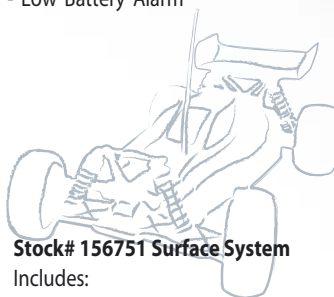
Includes:

Transmitter w/Supreme 8 Ch. Receiver, 4 HS-322 Servos, With Rechargeable Transmitter and Receiver Batteries with AC Charger

Stock # 156722 Glider System

Includes:

Transmitter w/Micro "555" 5 Ch. Micro Receiver, 3 HS-81 Micro Servos, With Rechargeable Transmitter and Receiver Batteries with AC Charger



Stock# 156751 Surface System

Includes:

Transmitter w/Supreme 8 Ch. Dual Conversion 75 MHz Receiver, 2 HS-322 Servos, With Rechargeable Transmitter Batteries, AC Charger and "Dry" Battery Box

Stock # 156724 Micro System

Includes:

Transmitter w/Micro 055 5 Ch. Micro Receiver, 2 HS-55 Micro Servos, With Rechargeable Transmitter Batteries and AC Charger



LASER 6

Features

- 6 Channel, FM Transmitter
- All Channel Servo Reversing
- Aileron and Elevator Dual Rates
- ATV on Ch. 1 and 2
- EPA on Ch. 3
- Ch. 1 and 2 "Elevon" Mixing Option
- Ch. 2 and 4 "V-tail" Mixing Option
- Analog Transmitter Power Meter
- Trainer Switch
- Ergonomic Case

Stock # 157722 Aircraft System

Includes:

Transmitter w/Supreme 8 Ch. Receiver, 4 HS-325HB Servos, With Rechargeable Transmitter and Receiver Batteries with AC Charger

Stock# 157751 Surface System

Includes:

Transmitter w/Supreme 8 Ch. Dual Conversion 75MHz Receiver, 2 HS-322 Servos, With Rechargeable Transmitter Batteries, AC Charger and "Dry" Battery Box



NEON SS FM Single Stick FM 3 & 4 Channel Aircraft Radio

Evolution in action. The Hitec NEON SS Single Stick systems offers a comfortable ergonomic design.

The NEON also features built in channel 1 and 2 mixing, for all the popular flying wing aircraft. Fly it stock, out of the box or add the optional upgrade packages.

Features

- Single Stick 3 Channel, (upgradeable to 4 channel)
- FM Proportional System
- Dual Axis Precision Gimbal
- Adjustable Gimbal Stick Length
- Adjustable Gimbal Stick Tension
- 3 LED Battery Status Indicators
- Charging Jack for Optional Internal NiCd Battery
- Servo Reversing for All Channels
- Elevon or V-tail Mixing Function
- Proportional 3rd. Channel Slide Switch
- Channel 1 and 2 Trim Levers

Stock#148721 Neon SS FM Deluxe Version

Includes: Transmitter, Electron 6 FM Receiver, 2 HS-81 Micro Servos, With Rechargeable Transmitter Batteries, AC Charger and "Dry" Battery Box

Stock#148722 Neon SS FM Micro Version

Includes: Transmitter, HFS-04MG Receiver, 2 HS-55 Feather Servos, Supplied "Dry" without Transmitter or Receiver Batteries ("AAA" Receiver Battery Box)

Stock#148725 Neon SS FM Feather Version

Includes: Transmitter, Micro 05S FM Receiver 2 HS-55 Feather Servos, Supplied "Dry" without Transmitter or Receiver Batteries ("AAA" Receiver Battery Box)

NEON-SS FM



"Upgradeable" with ATV's, Trainer system, a 4th. Channel, and Dual Rates!

Options

- Channel 1, 2 and 3 ATV Function **Stock# 54302**
- Trainer Plug and Switch **Stock# 54303**
- Channel 1 and 2 Dual Rate Function **Stock# 54304**
(Must use optional **Stock# 54302**, ATV function in Addition to This Option)
- Channel 4 Three Position Switch **Stock# 54305**



Optional channel 4, 3 position switch and optional channel 1 and 2 dual rate switch.



Channel 1 and 2 mixing switch and optional channel 1, 2, and 3 ATV.



Channel 3 throttle lever and optional trainer switch.

FLASH SYSTEM X 5 Channel FM Aircraft Computer Radio

Looking to get the most out of a radio system without spending a pile of money? Then take a close look at the Flash 5 System X computer radio system. This radio features a five model memory, digital trims and the "AutoSave" function, no other system can touch the Flash radio for quality and value. Want a little more? The Flash 5 has 3 special flight modes for sport, electric or sailplane, as well as most of the popular mixes. The Flash 5 is also offered as a glider system with smaller servos and receiver.

Features

- 5 Channel FM
- 5 Model Memory
- Digital Trims
- Mode I or Mode II Capable
- In-Flight Timer and Alarm
- Low Battery Warning
- End Point Adjustments for All Channels
- All Channel Servo Reversing
- Exponential Rates on Channels 1, 2 And 4
- Data Reset to Defaults
- Trainer Jack
- Auto Engine Cut Switch
- 3 Pre-Set Mixes, Aileron - Rudder, Elevon, V-Tail
- Flaperon Capable
- 3 Model Modes, Acrobat, Glider and Glider/Acro
- Channel 5 Retract Switch
- Camber Adjustment
- Dual Rates on Channel 1 and 2
- Proportional Flaps on Throttle Stick
- Electric Motor Controller 3 Position Switch
- Channel 1 and 5 are Used for Two Ailerons Servos Allowing for the Use of Very Creative Flaperon, Spoileron and Camber or Reflex Mixes

Stock#155722 Flash 5 X Glider version

Includes: Transmitter,
Micro 555 5 Channel Receiver,
3 HS-81 Micro Servos,
With Rechargeable Transmitter
and Receiver Batteries with AC Charger

Stock# 155723 Flash 5X

Includes: Transmitter,
Micro 555 5 Channel Receiver,
4 HS-325 Servos, Switch Harness,
With Rechargeable Transmitter
and Receiver Batteries with AC Charger

Flash **SYSTEM**



RANGER II N 2 Stick 2 Channel AM Surface Radio System

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 27 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# 135271 Ranger 2N 27MHz

Stock# 135751 Ranger 2N 75MHz

Includes: Transmitter, 2 Ch. AM Receiver,
2 HS-311 Standard Servos, Supplied "dry"
without Transmitter or Receiver Batteries (AA Battery Box)

*R*ANGER II N



AGGRESSOR CRX 3 Channel Computer Radio System

The competition ready Aggressor CRX 3-channel, FM computer pistol grip radio systems 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 with all the bells and whistles anyone could ever need. The CRX is sure to be a hit with racers while still keeping the sport user in mind.

Features

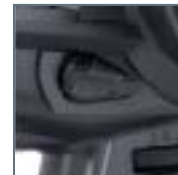
- Ergonomically Designed 3 Channel Pistol Grip FM Computer Radio
- 2.4GHz Compatible
- Progressive Rate Steering
- Super Quick 14ms Response Time
- High Definition/Multi-Pixel LCD Display
- Dual Rate Steering
- Brake ATL Switch
- Brake Lever Travel Limiter
- Steering Wheel Tension Adjustment
- Trim Center 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
- Ch #3 Switch Set (Shift, Linear)
- EPA (End Point Adjustment)
- Steering and Throttle Exponential Travel
- ABS (Anti-Lock Braking)
- Steering to Aux/Throttle to Aux Mixing
- Timer (Up/Down)
- Servo Reversing
- Model Copy
- Model Reset (Factory Default)



Steering Dual Rate & ATL Switch



3rd. Channel Button.



Input Buttons



High Resolution LCD Screen



DCX

Three Channel FM Dual Conversion Receiver

CRX Systems Feature the Highest Performance Surface Receiver in the World, the Hitec Dual Conversion DCX receiver.

Stock# 127271

27MHz Transmitter, DCX Receiver, 1 HS-325HB Servo, With Rechargeable Transmitter Batteries, AC Charger and "Dry" Battery Box

Stock# 127751

75MHz Transmitter, DCX Receiver, 1 HS-325HB Servo, With Rechargeable Transmitter Batteries, AC Charger and "Dry" Battery Box



SPECTRA 75

75MHz Transmitter Frequency Synthesizer Module

Application :

Designed for Use in the Hitec Lynx 3D, CRX and SRX FM Transmitter

Specifications :

Modulation FM only
Frequency Band 75MHz only
Stock# 24475

Both the CRX and SRX are 2.4GHz Compatible with all Existing 2.4GHz Systems.

Stock# 127752

75MHz Transmitter only w/Spectra, With Rechargeable Transmitter Batteries and AC Charger

3 CHANNEL COMPUTER RADIO CONTROL SYSTEM
AGGRESSOR CRX

AGGRESSOR SRX 3 Channel Computer Radio System

Wake-up your ride with the performance packed SRX radio from Hitec. This three channel FM pistol grip computer radio system is a great upgrade from the stock radio systems available with most RTR packages. Easy to install, with a "rock solid" signal, the feature filled SRX can use the Hitec SPECTRA synthesizer module for crystal free performance. With ten model memories available and four character models naming, the SRX is the only radio you need for your whole fleet of cars, trucks, buggies and boats.

Features

- Clear and Reliable FM Signal
- 2.4GHz Compatible
- Dual Mode 3rd. Channel (shift or linear)
- Quick 14ms Response Rate
- Progressive Spring Steering
- Clear LCD Display
- 10 Model Memories
- 4 Character Model Naming
- Brake ATL Switch
- Brake Lever Travel Limiter
- Steering Wheel Tension Adjust
- Transmitter Battery Charging Jack
- Two Speed Menu Scrolling
- SPECTRA Synthesizer Module Compatible
- Replaceable "Grip Pads" Available in Different Thicknesses and Colors Comfortable for Big and Little Hands

Stock # 129271

27MHz Transmitter
HFS-03MM 3 Channel FM Receiver
One HS-311 Servo, Supplied "Dry"
without Transmitter or
Receiver Batteries

Stock # 129751

75MHz Transmitter
HFS-03MM 3 Channel FM Receiver
One HS-311 Servo, Supplied "Dry"
without Transmitter or
Receiver Batteries

Stock # 129752

Monster Truck Version
75MHz Transmitter
HFS-03MM 3 Channel FM Receiver
One HS-645MG Hi-Torque Servo,
Supplied "Dry" without
Transmitter or
Receiver Batteries
HS-645 for "Monster Truck"
Edition (Stock # 129752)



Stock # 129754

75MHz Transmitter
HFS-03MM 3 Channel FM Receiver,
Spectra Synthesizer Module,
No Servos, Supplied "Dry"
without Transmitter or
Receiver Batteries

Stock # 129753

75MHz Transmitter
HFS-03MM 3 Channel FM Receiver
No Servos, Supplied "Dry"
without Transmitter or
Receiver Batteries

Programmable Features

- Steering Dual Rate
- Steering and Throttle
Exponential Rates
- End Point Adjustments
- Servo Reversing
- Sub Trims for Quick and
Easy Set-up
- Timer



Steering Dual Rate
& ATL Switch



3rd. Channel Button.



Input Buttons



LCD Screen



SPECTRA 75

75MHz Transmitter
Frequency Synthesizer Module

Application :

Designed for Use in the
Hitec Lynx 3D, CRX and
SRX FM Transmitter

Specifications :

Modulation FM only
Frequency Band 75MHz only
Stock# 24475

**Both the CRX and SRX are 2.4GHz
Compatible with all Existing 2.4GHz Systems.**

3 CHANNEL COMPUTER RADIO CONTROL SYSTEM
AGGRESSOR SRX

AGGRESSOR AM & FM 2/3 Channel Pistol Grip Radio System

Hitec's Aggressor 2 AM & Aggressor 3 FM have "raised the bar" by offering the first customizable radios with interchangeable components in different colors and designs. Change the Grip Pad and Tuning Cover for a custom fit and look; many colors and designs are available to set you apart from the crowd. We loaded the radios with features: Dual Rate Steering, servo reversing, external charging jack, and rock solid reception. The Aggressor FM 3 ch. also comes standard with a push button third channel that can be used for shifting! In addition, the FM is also equipped with throttle and steering End Point Adjustments (EPAs), for easier set-up and maximum performance of your electric or nitro powered vehicles.

AGGRESSOR AM

2 Channel Pistol Grip Radio System

Features

- Ergonomically Designed
- 2 channel Pistol Grip AM Radio
- Servo Reversing (All channels)
- Dual Rate Steering (Adjustable on the Fly)
- 3 L.E.D. 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# 125751

75MHz Transmitter, 2 Ch. AM Receiver,
2 HS-311, Supplied "Dry" without
Transmitter or Receiver Batteries

Stock# 125752

75MHz Transmitter, 2 Ch. AM Receiver,
1 HS-311, EZX-R ESC,
Supplied "Dry" without
Transmitter or Receiver Batteries

Stock# 125753

75MHz Transmitter, 2 Ch. AM Receiver,
1 HS-311, Supplied "Dry" without
Transmitter or Receiver Batteries

Stock# 125271

27MHz Transmitter, 2 Ch. AM Receiver,
2 HS-311, Supplied "Dry" without
Transmitter or Receiver Batteries

Aggressor AM & FM Accessories



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)

AGGRESSOR FM

3 Channel Pistol Grip Radio System

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 L.E.D. 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-CH FM Micro Receiver
- Receiver Dry Battery Holder

Stock # 126751

75MHz Transmitter, HFS-03MM Receiver,
1 HS-325HB, Supplied "Dry" without Transmitter
or Receiver Batteries








Stock # 126752

75MHz Transmitter, HFS-03MM Receiver,
Supplied "Dry" without Transmitter
or Receiver Batteries



AGGRESSOR

51 Different Hitec Servos To Choose from

| HITEC MODEL | HITEC PART # | DESCRIPTION | TORQUE 4.8/6.0V oz-in | SPEED sec/60° at 4.8/6.0V | BEARING | SIZE LxWxH in | WEIGHT oz | ACCESSORY PART# G=GEAR C=CASE |  |  |  |  |  |  |  |
|-------------|--------------|-----------------------|----------------------------------|---------------------------------|-------------|-------------------|--------------|----------------------------------|---|---|---|---|---|---|---|
| HS-50 | 31050# | FEATHER | 8.33oz/ * | .09/ * | NONE | 0.82"x0.44"x0.86" | 0.22oz. | G#56355 / C#55404 | • | • | | | | | |
| HS-55 | 31055# | FEATHER | 15.27oz/18.05oz | .17/.14 | NONE | 0.89"x0.45"x0.94" | 0.28oz. | G#55001 / C#55405 | • | • | • | | | | |
| HS-56HB | 33056# | FEATHER | 13.88oz/16.66oz | .12/.10 | TOP BB | 0.88"x0.45"x0.94" | 0.39oz. | G#55007 / C#55412 | • | • | • | | | | |
| HS-65HB | 33065# | MIGHTY FEATHER | 22.21oz/26.38oz | .12/.10 | TOP BB | 0.92"x0.45"x0.94" | 0.39oz. | G#55007 / C#55418 | • | • | • | | | | |
| HS-65MG | 31065# | HIGH TORQUE | 24.99oz/30.55oz | .14/.11 | TOP BB | 0.92"x0.45"x0.94" | 0.44oz. | TBA | • | • | | MICRO | MICRO | | |
| HS-75BB | 31075# | RETRACT | 91.65oz/113.87oz | .16/.13 | TOP BB | 1.73"x0.9"x0.98" | 1.23oz. | G#56343 / C#56344 | • | • | | | | | |
| HS-77BB | 31077# | LOW PROFILE | 61.1oz/76.30oz | .18/.14 | TOP BB | 1.73"x0.9"x0.98" | 1.23oz. | G#56370 / C#56344 | • | • | | | | | |
| HS-81 | 31081# | MICRO | 36.10oz/41.66oz | .11/.09 | NONE | 1.17"x0.47"x1.16" | 0.58oz. | G#56403 / C#56404 | • | • | • | | | | |
| HS-81MG | 32081# | MICRO | 36.10oz/41.66oz | .11/.09 | NONE | 1.17"x0.47"x1.16" | 0.67oz. | G#56386 / C#56404 | • | • | • | | | | • |
| HS-85BB | 31085# | MIGHTY MICRO | 41.66oz/48.60oz | .16/.14 | TOP BB | 1.14"x0.51"x1.18" | 0.67oz. | G#56365 / C#56366 | • | • | • | | | | • |
| HS-85MG | 32085# | MIGHTY MICRO | 41.66oz/48.60oz | .16/.14 | TOP BB | 1.14"x0.51"x1.18" | 0.77oz. | G#56388 / C#56366 | • | • | • | | | | • |
| HS-125MG | 32125# | SLIM (THIN) WING | 41.66oz/48.60oz | .17/.13 | DUAL BB | 1.18"x0.39"x1.33" | 0.84oz. | G#55301 / C#55408 | • | • | | | | | |
| HS-225BB | 31225# | MIGHTY MINI | 54.15oz/66.65oz | .14/.11 | TOP BB | 1.27"x0.66"x1.22" | 0.95oz. | G#56341 / C#56342 | • | • | | • | | | • |
| HS-225MG | 32225# | MIGHTY MINI | 54.15oz/66.65oz | .14/.11 | TOP BB | 1.27"x0.66"x1.22" | 1.09oz. | G#56396 / C#56342 | • | • | | • | | | • |
| HS-311 | 31311# | STANDARD | 42oz/48.60oz | .19/.15 | NYLON | 1.57"x0.78"x1.43" | 1.51oz. | G#55002 / C#55403 | • | • | | • | | | • |
| HS-322HD | 33322# | DELUXE | 41.66oz/51.38oz | .19/.15 | NYLON | 1.57"x0.78"x1.43" | 1.51oz. | G#55003 / C#55403 | • | • | | • | | | • |
| HS-325HB | 33325# | DELUXE | 41.66oz/51.38oz | .19/.15 | TOP BB | 1.57"x0.78"x1.43" | 1.51oz. | G#55003 / C#55403 | • | • | • | • | | | • |
| HS-422 | 31422# | DELUXE | 45.82oz/56.93oz | .21/.16 | DUAL OILITE | 1.59"x0.77"x1.44" | 1.6oz. | G#56334 / C#56339 | • | • | | • | | | • |
| HS-425BB | 31425# | DELUXE | 45.82oz/56.93oz | .21/.16 | DUAL BB | 1.59"x0.77"x1.44" | 1.6oz. | G#56334 / C#56339 | • | • | • | • | | | • |
| HS-475HB | 33475# | DELUXE | 61.10oz/76.37oz | .23/.18 | TOP BB | 1.52"x0.77"x1.41" | 1.41oz. | G#55004 / C#55409 | • | • | • | • | | | • |
| HS-525MG | 32525# | METAL GEAR | 45.82oz/56.93oz | .17/.13 | TOP BB | 1.56"x0.77"x1.41" | 1.56oz. | G#56345 / C#56347 | • | • | • | • | | | |
| HS-545BB | 31545# | HIGH TORQUE | 61.1oz/76.37oz | .22/.17 | TOP BB | 1.56"x0.77"x1.4" | 1.78oz. | G#56394 / C#56347 | • | • | | • | • | | |
| HS-625MG | 32625# | SUPER TORQUE | 76.37oz/94.43oz | .18/.15 | DUAL BB | 1.59"x0.77"x1.48" | 1.94oz. | G#55302 / C#55402 | • | • | | • | • | | |
| HS-635HB | 33635# | HIGH TORQUE | 69.43oz/83.32oz | .18/.15 | DUAL BB | 1.59"x0.77"x1.52" | 1.76oz. | G#55006 / C#55411 | • | • | • | • | • | | |
| HS-645MG | 32645# | ULTRA TORQUE | 106.93oz/133.31oz | .24/.20 | DUAL BB | 1.59"x0.77"x1.48" | 1.94oz. | G#55303 / C#55402 | • | • | | • | • | | • |
| HS-755MG | 32755# | QUARTER SCALE | 166.64oz/199.97oz | .28/.23 | DUAL BB | 2.32"x1.14"x1.96" | 4.12oz. | TBA | • | | | | | • | • |
| HS-755HB | 33755# | QUARTER SCALE | 152.75oz/183.31oz | .28/.23 | DUAL BB | 2.32"x1.14"x1.96" | 3.88oz. | G#55008 / C#55413 | • | | | | | | • |
| HS-765HB | 33765# | SAIL CONTROL | 152.75oz/183.31oz | .28/.23 | DUAL BB | 2.32"x1.14"x1.96" | 3.88oz. | G#55011 / C#55413 | | | | | | • | |
| HS-785HB | 33785# | WINCH SERVO | 152.75oz/183.31oz | 1.68/1.38 | DUAL BB | 2.32"x1.14"x1.96" | 3.88oz. | G#55012 / C#55413 | | | | | | • | |
| HS-805BB | 31805# | MEGA QUARTER SCALE | 274.96oz/343.01oz | .19/.14 | DUAL BB | 2.59"x1.18"x2.26" | 5.36oz. | G#56350 / C#56352 | • | | | • | | | • |
| HS-815BB | 31815# | MEGA SAIL | 274.96oz/343.01oz | .19/.14 | DUAL BB | 2.59"x1.18"x2.26" | 5.36oz. | G#56350 / C#56352 | | | | | | • | |
| HS-925MG | 32925# | ULTRA SPEED | 84.71oz/106.93oz | .11/.08 | DUAL BB | 1.55"x0.78"x1.48" | 1.97oz. | G#56382 / C#56351 | • | • | • | • | • | | • |
| HS-945MG | 32945# | ULTRA TORQUE | 122.2oz/152.75oz | .16/.12 | DUAL BB | 1.55"x0.78"x1.48" | 1.97oz. | G#56383 / C#56351 | • | • | • | • | • | | • |
| HS-5125MG | 35125# | (THIN) DIGITAL WING | 41.66oz/48.60oz | .17/.13 | DUAL BB | 1.18"x0.39"x1.33" | 0.84oz. | G#55301 / C#55408 | • | • | | | | | • |
| HS-5245MG | 35245# | DIGITAL MINI | 61.10oz/76.37oz | .15/.12 | DUAL BB | 1.27"x0.66"x1.21" | 1.12oz. | G#56396 / C#56342 | • | • | | • | | | • |
| HS-5475HB | 35475# | DIGITAL STANDARD | 61.10oz/76.37oz | .23/.18 | DUAL BB | 1.52"x0.77"x1.41" | 1.41oz. | G#55004 / C#55409 | • | • | • | | | | • |
| HS-5625MG | 35625# | DIGITAL SUPER SPEED | 109.70oz/130.53oz | .17/.14 | DUAL BB | 1.59"x0.77"x1.48" | 2.11oz. | G#55302 / C#55402 | • | • | • | • | • | | • |
| HS-5645MG | 35645# | DIGITAL SUPER TORQUE | 143.03oz/168.03oz | .23/.18 | DUAL BB | 1.59"x0.77"x1.48" | 2.11oz. | G#55303 / C#55402 | • | • | • | • | • | | • |
| HS-5745MG | 35745# | DIGITAL QUARTER SCALE | 208.30oz/249.96oz | .18/.15 | TRIPLE BB | 2.32"x1.14"x2.04" | 5.68oz. | G#55308 / C#55415 | • | | | • | | | • |
| HS-5965MG | 35965# | CORELESS DIGITAL | 119.42oz/144.42oz | .13/.10 | DUAL BB | 1.57"x0.78"x1.45" | 2.18oz. | TBA | • | | • | • | • | • | • |
| HS-5985MG | 35985# | CORELESS DIGITAL | 144.42oz/172.20oz | .16/.13 | DUAL BB | 1.57"x0.78"x1.45" | 2.18oz. | TBA | • | | • | • | • | • | • |
| HS-6635HB | 36635# | DIGITAL HIGH TORQUE | 69.43oz/83.32oz | .18/.15 | DUAL BB | 1.56"x0.77"x1.52" | 1.83oz. | G#55006 / C#55411 | • | • | • | | | | |
| HS-6965HB | 36965# | CORELESS DIGITAL | 91.65oz/111.09oz | .10/.08 | DUAL BB | 1.57"x0.78"x1.45" | 1.83oz. | G#55009 / C#55410 | • | • | • | | | | |
| HSC-6965HB | 36965C# | CORELESS DIGITAL | 91.65oz/111.09oz | .10/.08 | DUAL BB | 1.57"x0.78"x1.45" | 1.83oz. | TBA | • | | • | • | • | • | • |
| HS-6975HB | 36975# | CORELESS DIGITAL | 119.42oz/144.42oz | .13/.10 | DUAL BB | 1.57"x0.78"x1.45" | 1.83oz. | G#55005 / C#55410 | • | • | • | | | | |
| HS-6985HB | 36985# | CORELESS DIGITAL | 144.42oz/172.20oz | .16/.13 | DUAL BB | 1.57"x0.78"x1.45" | 1.83oz. | G#55010 / C#55410 | • | • | • | | | | |
| HS-5955TG | 35955# | TITANIUM GEAR | 249.96oz/333.29oz | .19/.15 | DUAL BB | 1.57"x0.78"x1.45" | 2.18oz. | G#55311 / C#55419 | • | • | • | • | • | | • |
| HSC-5996TG | 35996# | TITANIUM GEAR | 105.54oz/138.87oz | .13/.10 | DUAL BB | 1.57"x0.78"x1.45" | 2.18oz. | G#55307 / C#55414 | | | | • | • | | • |
| HSC-5997TG | 35997# | TITANIUM GEAR | 136.09oz/180.53oz | .17/.14 | DUAL BB | 1.57"x0.78"x1.45" | 2.18oz. | G#55309 / C#55414 | | | | • | • | | • |
| HSC-5998TG | 35998# | TITANIUM GEAR | 199.97oz/249.96oz | .24/.19 | DUAL BB | 1.57"x0.78"x1.45" | 2.18oz. | G#55310 / C#55414 | | | | • | • | | • |
| HSR-5995TG | 35995# | TITANIUM GEAR | 333.29oz/416.61oz (6.0V/7.4V) | .15/.12 (6.0V/7.4V) | DUAL BB | 1.57"x0.78"x1.45" | 2.18oz. | G#55308 / C#55416 / C#55417 | | | | | | | |

= CONNECTOR VERSION - S/Z & J

Red Marked Servos : New for 2006

SERVO ACCESSORIES

SERVO HORN & HARDWARE SET

| Stock # | Horn No. | Servo/horn & Hardware | Servos |
|---------|----------------|---|--|
| 55709 | 18 20 21 22 23 | HEAVY DUTY SPLINED HORN SET | HS-765/5745/5925/5945/5975/6965/6985/6975/5955TG |
| 55710 | 20 22 23 | HEAVY DUTY SPLINED HORN SET | HS-475/625/645/925/945/5475/5625/6635HB |
| 55706 | 5 | MICRO SPLINED HORN SET(2PC) | HS-125MG/5125MG only |
| 55707 | 17 | METAL SPLINED HORN (HALF 1PC) | HS-5125MG/HS-5245MG |
| 55708 | 1 2 3 34 | FEATHER SPLINED HORN SET | HS-50/55 |
| 55711 | 4 5 6 | MICRO SPLINED HORN SET | HS-56HB/65HB |
| 55712 | 20 23 30 | HEAVY DUTY SPLINED HORN SET | HS-635HB |
| 55713 | 18 20 21 23 | HEAVY DUTY SPLINED HORN SET | HS-755HB |
| 55701 | 14 | METAL SPLINED HORN SET(STANDARD HALF 1PC) | HS-5245/5625/5645/5925/5945MG |
| 55702 | 16 | METAL SPLINED HORN (1PC) | HS-5745MG |
| 56315 | 10 11 12 13 14 | REGULAR SPLINED HORN SET | HS-75/77/225/311/322/325/422/425/525/545/5245MG |
| 56336 | | REGULAR SPLINED HARD WARE | 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 |
| 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-81/85 |
| 56327 | 7 8 9 | MICRO SPLINED HORN & HARDWARE SET | HS-81/85 |
| 56318 | 24 25 | MEGA SPLINED HORN & HARDWARE SET | HS-805BB+/815BB |
| 56314 | 32 | SPOOL DRUM SPLINED (1PC) | HS-785BB |
| 56361 | 38 | SAIL ARM SPLINED (1PC) | HS-765HB |
| 56362 | 33 | SAIL ARM SPLINED (1PC) | HS-815HB |
| 56402 | 30 | SUPER SPLINED HORN (2PCS) | HS-225/311/475/525/545/625/645/925/945/5475/5625/5645/5925/5945/6635HB |

SERVO GEAR SET (Nylon & KARBONITE)

| Stock # | Servo | Stock # | Servo | Stock # | Servo |
|---------|--|---------|---------------------------------|---------|---------------------------------------|
| 55003 | HS-322HD/325HB KARBONITE GEAR SET | 56403 | HS-81 GEAR SET | 56319 | HS-605BB GEAR SET |
| 55004 | HS-475HB/5475HB KARBONITE GEAR SET | 56324 | HS-80/HS-101 GEAR SET | 55006 | HS-635HB/HS-6635HB KARBONITE GEAR SET |
| 55005 | HS-5975/6975HB KARBONITE GEAR SET WITH BALL BEARINGS | 56365 | HS-85BB+ GEAR SET | 56390 | HS-700BB GEAR SET |
| 55009 | HS-6965HB KARBONITE GEAR SET WITH BALL BEARINGS | 56343 | HS-75BB GEAR SET | 56360 | HS-715BB GEAR SET |
| 55010 | HS-6985HB KARBONITE GEAR SET WITH BALL BEARINGS | 56370 | HS-77BB GEAR SET | 56348 | HS-725BB GEAR SET |
| 55002 | HS-311/322/325BB GEAR SET | 56341 | HS-205BB/225BB GEAR SET | 55008 | HS-755HB KARBONITE GEAR SET |
| 56355 | HS-50 GEAR SET | 56325 | HS-300/HS-300BB/HS-303 GEAR SET | 55011 | HS-765HB KARBONITE GEAR SET |
| 55001 | HS-55 GEAR SET | 56334 | HS-422/HS-425 GEAR SET | 55012 | HS-785HB KARBONITE GEAR SET |
| 55007 | HS-56HB KARBONITE GEAR SET | 56345 | HS-525BB GEAR SET | 56350 | HS-805BB/HS-815BB GEAR SET |
| 56312 | HS-60 GEAR SET | 56346 | HS-545BB GEAR SET | | |

SERVO GEAR SET (METAL)

| Stock # | Servo | Stock # | Servo | Stock # | Servo |
|---------|--|---------|--|---------|--|
| 56383 | HS-945MG/5945MG METAL GEAR (MP first gear) | 56399 | HS-615MG METAL GEAR SET | 55301 | HS-5125MG/HS-125MG GEAR SET |
| 55014 | HS-5955/5995/5996/5997 METAL KARBONITE FIRST GEAR SET (3PCS) | 55302 | HS-625MG/5625MG METAL GEAR SET (MP FIRST GEAR) | 56386 | HS-81MG METAL GEAR SET (ALL METAL) |
| 55015 | HS-925/945/5925/5945 METAL PLASTIC FIRST GEAR SET (3PCS) | 55303 | HS-645MG/5645MG METAL GEAR SET (MP FIRST GEAR) | 56392 | HS-80/80MG/HS-101/101MG METAL GEAR SET |
| 55016 | HS-625/645/5625/5645 METAL PLASTIC FIRST GEAR SET (3PCS) | 55304 | HS-5735MG METAL GEAR SET (MP FIRST GEAR) | 56388 | HS-85MG+ METAL GEAR SET |
| 55017 | HS-5745/RHINO METAL PLASTIC FIRST GEAR SET (3PCS) | 55308 | HS-5745MG METAL GEAR SET (MP FIRST GEAR) | 56394 | HS-525MG METAL GEAR SET |
| 55018 | HS-225/5245 METAL PLASTIC FIRST GEAR SET (3PCS) | 56398 | HS-705MG METAL GEAR SET | 56396 | HS-205/225MG/5245MG METAL GEAR SET |
| 55019 | HS-125/5125 METAL PLASTIC FIRST GEAR SET (3PCS) | 56382 | HS-925MG/5925MG METAL GEAR (MP first gear) | 56397 | HS-605MG METAL GEAR SET |

SERVO CASE SET

| Stock # | Servo | Stock # | Servo | Stock # | Servo |
|---------|---------------------------------------|---------|---------------------------------------|---------|---|
| 55409 | HS-475HB/5475HB CASE SET | 56323 | HS-80 & HS-80MG CASE SET | 56391 | HS-700BB/705MG/715BB CASE SETS |
| 55410 | HS-5975/6965/6975/6985HB CASE SET | 56366 | HS-85BB/HS-85MG CASE SET | 56349 | HS-725BB CASE SET |
| 55403 | HS-311/322/325BB/322HD/325HB CASE SET | 56344 | HS-75BB/77BB CASE SETS | 55413 | HS-755/765/785HB CASE SET |
| 55408 | HS-5125MG/HS-125MG CASE SET | 56328 | HS-101 & 101MG CASE SET | 55406 | HS-5735MG CASE SET (W/O ALUMINUM HEAT SINK) |
| 56354 | HS-50 CASE SET | 56342 | HS-225MG/225BB/5245MG CASE SET | 56352 | HS-805BB+/HS-815BB CASE SET |
| 55404 | HS-50 CASE SET (BLUE) | 56401 | HS-303 CASE SET | 56351 | HS-925MG/945MG/5925MG/5945MG CASE SET |
| 55401 | HS-55 CASE SET | 56339 | HS-422/425BB CASE SET | 55415 | HS-5745MG CASE SET (W/O ALUMINUM HEAT SINK) |
| 55405 | HS-55 CASE SET (BLUE) | 56347 | HS-525/545BB CASE SET | 55414 | HSC-5996TG/5997/5998 CASE SET |
| 55412 | HS-56HB CASE SET | 56320 | HS-605BB/605MG/615MG CASE SET | 55416 | HSR-5995TG CASE SET |
| 56313 | HS-60 CASE SET | 55402 | HS-625MG/645MG/5625MG/5645MG CASE SET | 55417 | HSR-5995TG CASE SET 2 |
| 56404 | HS-81/81MG CASE SET | 55411 | HS-635HB/HS-6635HB CASE SET | 55419 | HS-5955TG CASE SET |

SERVO GEAR SET (METAL)

| Stock # | Servo | Stock # | Servo | Stock # | Servo |
|---------|--|---------|---|---------|----------------------------------|
| 55801 | SERVO HORN SCREW FOR HITEC NYLON GEAR SERVOS (10 PCS) | 56361 | SAIL ARM (1PCS) FOR HS-715BB /HS-765HB | 55806 | HS-5995TG ROBOT BRACKET SET 01-B |
| 55802 | SERVO HORN SCREW FOR HITEC METAL GEAR SERVOS (10 PCS) | 56362 | SAIL ARM (1PCS) FOR HS-815BB | 55807 | HS-5995TG ROBOT BRACKET SET 02 |
| 56306 | VERTICAL MOUNT SET (4PCS) FOR (HS-60/81/85BB) | 58473 | BIG BALL BEARING ONE PCS (FOR HS-805BB/815BB) | 58471 | Standard Ball Bearing 1pcs |
| 56307 | SERVO WING MOUNT SET (HS-80/81, FP-S143, NES-341, 94501) | 58805 | HS-5995TG ROBOT BRACKET SET 01-A | | |



METAL GEAR SET



KARBONITE GEAR SET



SERVO CASE SETS

HITEC SERVO HISTORY

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



Titanium gears

The characteristics of TITANIUM can be summarized in a few words. STRONG, LIGHT WEIGHT, and CORROSION RESISTANT. Used for constructing Spacecraft and Jet aircraft, Hitec has adapted this exotic material for super strength servo gears. The advantage of TITANIUM over standard metal is staggering, providing three times the strength, yet lighter by 30%. The first in the series of Hitec servos to use TITANIUM Gears, HSC-599XTG servos series will take your R/C model car or truck where they have never gone before.

Karbonite gears

As most servo gears wear, they develop lash and slop. Loose gears mean less control of your model. As a Hitec exclusive, KARBONITE gears have eliminated gear lash and slop forever. KARBONITE gears are four times stronger than conventional white resin gears, and they are less likely to strip under the shock and loads that would usually break standard gears. We tested KARBONITE gears with 250,000 cycles under load and they showed no sign of wear. The result, greater reliability and control with Hitec's KARBONITE gear technology.

Metal Plastic gears

In almost all metal gear servos, one gear is plastic. This is to isolate the RF feedback from all those metal gear teeth from the sensitive servo potentiometer that would otherwise create a "jitter". To solve this issue, Hitec servo engineers created a hybrid Metal / Plastic gear that is super resistant to breakage.

Metal Karbonite gear

Hitec servo engineers added Karbonite to our patented MP or "Metal Plastic" 1st gear found on most Hitec Metal gear servos. Our new "MK" gear is a hybrid Karbonite plastic spur gear with the metal pinion molded directly into it for added strength and reliability. The MK gear also acts as an RF insulator protecting the servo from unwanted RF noise generated by all metal gear servos without at least one plastic gear.

Other Hitec developments

Servo Motor 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 powerful servo motors, Hitec has incorporated heat sinks into the cases of several premium digital servos.

Programmable Digital Servo Technology

Hitec took the lead in providing a main streamed programmable Digital servo amplifier to be used in all our Digital servo product. One immediate benefit was that this enabled customers to "match" the powerful digital servos when more than is used on the control surfaces of Giant Scale aircraft.

Twisted Wire Servo Leads

Twisted wire leads were added to many of the Hitec servos in 2002 in an effort to prevent RF noise from long servo leads feeding back into the servo causing unnecessary servo "jitter".

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 24 to 22 gauge to provide the power these servos need to perform at the highest level.



MP(Metal Plastic) Hybrid
1st. Gear



Servo Motor Heat Sink



Durable MK (Metal Karbonite)
1st Gear

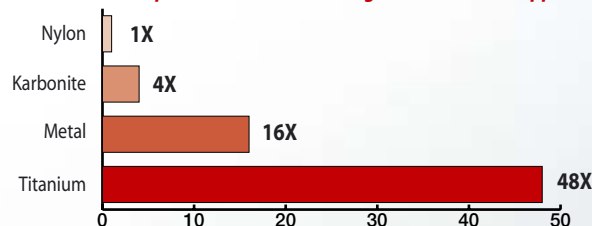


Servo Programmer



Twisted Wire Servo Leads

< Comparison data - The Strength of Hitec Developed Gear Set >



HITEC ROBOT SERVO

If you are looking for the ultimate hobby robotics servo, you found it. Hitec is proud to offer the amazing HRS-5995TG Digital servo created specifically for the hobby robotics market. Offering a staggering 417oz./in. of torque in a standard size servo case, the HSR-5995TG uses a powerful coreless motor and Hitec's latest geartrain technology, Titanium alloy gears.

Designed to be operated on up to 7.4 volts, and featuring an exclusive "pivot" mount, the Hitec HRS-5995TG servo also rotates 180 degrees compared to the traditional 90 degrees most R/C servos travel. To contain all this brute force, our servo engineers incorporated axial brass bearings into the upper for the new hardened steel gear shafts.

HSR-5995TG Coreless Digital TITANIUM Gear Robot Servo

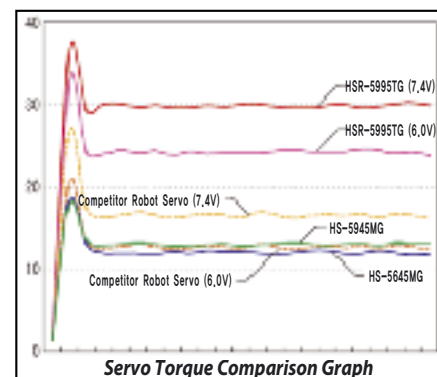
Features

- Durable TITANIUM Gears with Dual Ball Bearing
- Hardened Steel Gear Shafts
- 2 Brass Axial Bushings in the Case Top
- Dual Axial Mount
- Max 180 Degree Operating Travel
- Programmable Digital Amplifier with MOS FET Drive
- Water & Dust Resistant

Specifications

- Operating Speed : 0.15sec/60° at 6.0V/
0.12sec/60° at 7.4V
- Output Torque : 24.0kg.cm (333.29oz.in) at 6.0/
30.0kg.cm (416.61oz.in) at 7.4V
- Weight : 62g (2.18oz)
- Size : 40 X 20 X 37mm
(1.57 X 0.78 X 1.45in)

Stock # 35995



HITEC ROBONOVA-1



Dual Axial Mount



180 Degrees of Travel

TITANIUM MULTIPURPOSE SERVO

If you are looking for Premium Multipurpose Servo, check out the HS-5955TG.

With over 24kg/cm. of torque, the HS-5955TG promises to be the biggest breakthrough in servo technology ever!

HS-5955TG TITANIUM Gear Coreless Digital Servos

Features

- Programmable Digital Amplifier with MOSFET Drive
- Ultra Hardened Servo Gear Shafts
with 2 Brass Axial Bushings in the Case Top
- Coreless Metal Brush with Heat Sink
- Durable Titanium Alloy Metal Gears with Dual Ball Bearing
- Water & Dust Resistant

Specifications

- Operating Speed : 0.19sec/60° at 6.0V/
0.15sec/60° at 7.4V
- Output Torque : 18.0kg.cm (250oz.in) at 6.0/
24.0kg.cm (333oz.in) at 7.4V
- Weight : 62g (2.18oz)
- Size : 40 X 20 X 37mm (1.57 X 0.78 X 1.45in)

Stock # 35955



TITANIUM CAR SERVOS

Hitec servo engineers have reached a new level of design excellence with the introduction of our line-up of 3 powerful "car only" servos. The HSC-599XTG servos were designed from "scratch" to be the most advanced and reliable servos ever made.

HSC-599XTG Series 3 New Premium Car Servos

TITANIUM Gear Coreless Digital Servos

Features

- Programmable Digital Amplifier with MOSFET Drive
- Long Life Carbon Brush Coreless Motor with Heat Sink
- Durable Titanium Alloy Metal Gears with Dual Ball Bearing
- Ultra Hardened Servo Gear Shafts with 2 Brass Axial Bushings in the Case Top
- Shortened Servo Leads-7 in(180 mm)
- Water & Dust Resistant



HSC-5996TG



HSC-5997TG



HSC-5998TG

| | HSC-5996TG | HSC-5997TG | HSC-5998TG |
|--------------------------|---------------------------------------|----------------------|-----------------------|
| Type | High Speed | High Torque | Ultra Torque |
| Output Torque 4.8/6.0v | 106/139oz.(7.6/10.0kg) | 136/181oz.(9.8/13kg) | 200/250oz.(14.4/18kg) |
| Operating Speed 4.8/6.0v | 0.13 / 0.10 second | 0.17 / 0.14 second | 0.24 / 0.19 second |
| Wire Length | 7 in(180 mm) | | |
| Usage | CAR | | |
| Size | 1.57 X 0.78 X 1.45in (40 X 20 X37 mm) | | |
| Weight | 2.18 oz.(62g) | | |
| Motor Type | Coreless Carbon Brush | | |
| Bearing Type | Dual Ball Bearing | | |
| Stock # | 35996 | 35997 | 35998 |

TITANIUM SERVO TECHNOLOGY



Worlds First TITANIUM Alloy Gears



Upgraded Aluminum Heat Sink (HS-5955TG & HSC-599XTGs)



Heavy Duty Long Horn (HSC-599XTGs)



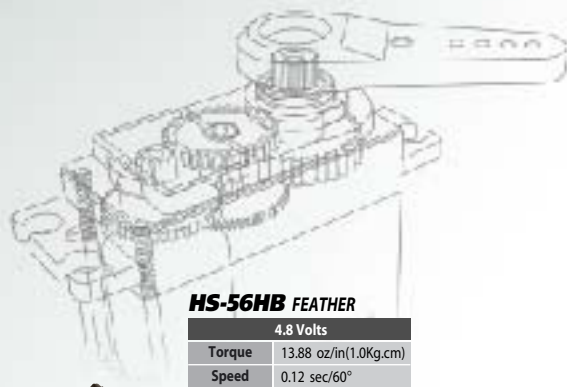
Durable MK (Metal Karbonite) 1st Gear



2 Brass Axial Bushings in the Case Top

ANALOG SERVOS

Hitec leads the way with quality reliable servo product to fit any hobby application. Our full line of 34 analog and 18 digital servos are constructed in our own factories, under the strictest quality control. All this to provide you with the piece of mind in knowing your next "masterpiece of modeling" will perform at the highest level of your expectations. From the very small HS-50 to our powerhouse HS-805BB, we have what you need.



31050

HS-50 FEATHER

| 4.8 Volts | |
|------------|----------------------|
| Torque | 8.33 oz/in(0.6Kg.cm) |
| Speed | 0.09 sec/60° |
| Dimensions | 0.82 x 0.44 x 0.86in |
| | 20.9 x 11.4 x 22mm |
| Weight | 0.22oz |
| | 6.4g |



31055

HS-55 FEATHER

| 4.8 Volts | |
|------------|-----------------------|
| Torque | 15.27 oz/in(1.1Kg.cm) |
| Speed | 0.17 sec/60° |
| 6.0 Volts | |
| Torque | 18.05 oz/in(1.3Kg.cm) |
| Speed | 0.14 sec/60° |
| Dimensions | 0.89 x 0.45 x 0.94in |
| | 22.8 x 11.6 x 24mm |
| Weight | 0.28oz |
| | 8g |



33056

HS-56HB FEATHER

| 4.8 Volts | |
|------------|-----------------------|
| Torque | 13.88 oz/in(1.0Kg.cm) |
| Speed | 0.12 sec/60° |
| 6.0 Volts | |
| Torque | 16.66 oz/in(1.2Kg.cm) |
| Speed | 0.10 sec/60° |
| Dimensions | 0.88 x 0.45 x 0.94in |
| | 22.6 x 11.6 x 24mm |
| Weight | 0.37oz |
| | 10.7g |



33065

HS-65HB MIGHTY FEATHER

| 4.8 Volts | |
|------------|-----------------------|
| Torque | 24.99 oz/in(1.8Kg.cm) |
| Speed | 0.14 sec/60° |
| 6.0 Volts | |
| Torque | 30.55 oz/in(2.2Kg.cm) |
| Speed | 0.11 sec/60° |
| Dimensions | 0.92 x 0.45 x 0.94in |
| | 23.6 x 11.6 x 24mm |
| Weight | 0.39oz |
| | 11.2g |



33065

HS-65MG HIGH TORQUE

| 4.8 Volts | |
|------------|-----------------------|
| Torque | 24.99 oz/in(1.8Kg.cm) |
| Speed | 0.14 sec/60° |
| 6.0 Volts | |
| Torque | 30.55 oz/in(2.2Kg.cm) |
| Speed | 0.11 sec/60° |
| Dimensions | 0.92 x 0.45 x 0.94in |
| | 23.6 x 11.6 x 24mm |
| Weight | 0.44oz |
| | 12.5g |



31075

HS-75BB RETRACT

| 4.8 Volts | |
|------------|------------------------|
| Torque | 91.65 oz/in(6.6Kg.cm) |
| Speed | 0.45 sec/60° |
| 6.0 Volts | |
| Torque | 113.87 oz/in(8.2Kg.cm) |
| Speed | 0.34 sec/60° |
| Dimensions | 1.73 x 0.90 x 0.98in |
| | 44 x 23 x 25mm |
| Weight | 1.23oz |
| | 35g |



31077

HS-77BB LOW PROFILE

| 4.8 Volts | |
|------------|----------------------|
| Torque | 61.1 oz/in(4.4Kg.cm) |
| Speed | 0.18 sec/60° |
| 6.0 Volts | |
| Torque | 76.3 oz/in(5.5Kg.cm) |
| Speed | 0.14 sec/60° |
| Dimensions | 1.73 x 0.90 x 0.98in |
| | 44 x 23 x 25mm |
| Weight | 1.23oz |
| | 35g |



31081

HS-81 MICRO

| 4.8 Volts | |
|------------|-----------------------|
| Torque | 36.10 oz/in(2.6Kg.cm) |
| Speed | 0.11 sec/60° |
| 6.0 Volts | |
| Torque | 41.66 oz/in(3kg.cm) |
| Speed | 0.09 sec/60° |
| Dimensions | 1.17 x 0.47 x 1.16in |
| | 29.8 x 12 x 29.6mm |
| Weight | 0.58oz |
| | 16.6g |



32081

HS-81MG MICRO

| 4.8 Volts | |
|------------|----------------------|
| Torque | 36.10oz.in(2.6kg.cm) |
| Speed | 0.11 sec/60° |
| 6.0 Volts | |
| Torque | 41.66oz.in(3kg.cm) |
| Speed | 0.09 sec/60° |
| Dimensions | 1.17 x 0.47 x 1.16in |
| | 29.8 x 12 x 29.6mm |
| Weight | 0.67oz |
| | 19g |



31085

HS-85BB MIGHTY MICRO

| 4.8 Volts | |
|------------|----------------------|
| Torque | 41.66 oz.in(3kg.cm) |
| Speed | 0.16 sec/60° |
| 6.0 Volts | |
| Torque | 48.6 oz.in(3.5kg.cm) |
| Speed | 0.14 sec/60° |
| Dimensions | 1.14 x 0.51 x 1.18in |
| | 29 x 13 x 30mm |
| Weight | 0.67oz |
| | 19.2g |



32085

HS-85MG MIGHTY MICRO

| 4.8 Volts | |
|------------|----------------------|
| Torque | 41.66 oz.in(3kg.cm) |
| Speed | 0.16 sec/60° |
| 6.0 Volts | |
| Torque | 48.6 oz.in(3.5kg.cm) |
| Speed | 0.14 sec/60° |
| Dimensions | 1.14 x 0.51 x 1.18in |
| | 29 x 13 x 30mm |
| Weight | 0.77oz |
| | 21.9g |



32125

HS-125MG Slim Wing

| 4.8 Volts | |
|------------|----------------------|
| Torque | 41.66 oz.in(3kg.cm) |
| Speed | 0.17 sec/60° |
| 6.0 Volts | |
| Torque | 48.6 oz.in(3.5kg.cm) |
| Speed | 0.13 sec/60° |
| Dimensions | 1.18 x 0.39 x 1.33in |
| | 30 x 10 x 34mm |
| Weight | 0.84oz |
| | 24g |



31225

HS-225BB MIGHTY MINI

| 4.8 Volts | |
|------------|-----------------------|
| Torque | 54.15 oz.in(3.9kg.cm) |
| Speed | 0.14 sec/60° |
| 6.0 Volts | |
| Torque | 66.65 oz.in(4.8kg.cm) |
| Speed | 0.11 sec/60° |
| Dimensions | 1.27 x 0.66 x 1.22in |
| | 32.4 x 16.8 x 31mm |
| Weight | 0.95oz |
| | 27g |



32225

HS-225MG MIGHTY MINI

| 4.8 Volts | |
|------------|-----------------------|
| Torque | 54.15 oz.in(3.9kg.cm) |
| Speed | 0.14 sec/60° |
| 6.0 Volts | |
| Torque | 66.65 oz.in(4.8kg.cm) |
| Speed | 0.11 sec/60° |
| Dimensions | 1.27 x 0.66 x 1.22in |
| | 32.4 x 16.8 x 31mm |
| Weight | 1.09oz |
| | 31g |



HS-311 STANDARD

| 4.8 Volts | |
|------------|--|
| Torque | 42 oz.in(3kg.cm) |
| Speed | 0.19 sec/60° |
| 6.0 Volts | |
| Torque | 48.6 oz.in(3.5kg.cm) |
| Speed | 0.15 sec/60° |
| Dimensions | 1.57 x 0.78 x 1.43in 40 x 20 x 36.5mm |
| Weight | 1.51oz 43g |

31311



HS-322HD DELUXE

| 4.8 Volts | |
|------------|--|
| Torque | 41.66 oz.in(3kg.cm) |
| Speed | 0.19 sec/60° |
| 6.0 Volts | |
| Torque | 51.38 oz.in(3.7kg.cm) |
| Speed | 0.15 sec/60° |
| Dimensions | 1.57 x 0.78 x 1.43in 40 x 20 x 36.5mm |
| Weight | 1.51oz 43g |

33322



HS-325HB DELUXE

| 4.8 Volts | |
|------------|--|
| Torque | 41.66 oz.in(3kg.cm) |
| Speed | 0.19 sec/60° |
| 6.0 Volts | |
| Torque | 51.38 oz.in(3.7kg.cm) |
| Speed | 0.15 sec/60° |
| Dimensions | 1.57 x 0.78 x 1.43in 40 x 20 x 36.5mm |
| Weight | 1.51oz 43g |

33325



HS-422 DELUXE

| 4.8 Volts | |
|------------|--|
| Torque | 45.82 oz.in(3.3kg.cm) |
| Speed | 0.21 sec/60° |
| 6.0 Volts | |
| Torque | 56.93 oz.in(4.1kg.cm) |
| Speed | 0.16 sec/60° |
| Dimensions | 1.59 x 0.77 x 1.44in 40.6 x 19.8 x 36.6mm |
| Weight | 1.6oz 45.5g |

31422



HS-425BB DELUXE

| 4.8 Volts | |
|------------|--|
| Torque | 45.82 oz.in(3.3kg.cm) |
| Speed | 0.21 sec/60° |
| 6.0 Volts | |
| Torque | 56.93 oz.in(4.1kg.cm) |
| Speed | 0.16 sec/60° |
| Dimensions | 1.59 x 0.77 x 1.44in 40.6 x 19.8 x 36.6mm |
| Weight | 1.6oz 45.5g |

31425



HS-475HB DELUXE

| 4.8 Volts | |
|------------|--|
| Torque | 61.10 oz.in(4.4kg.cm) |
| Speed | 0.23 sec/60° |
| 6.0 Volts | |
| Torque | 76.37 oz.in(5.5kg.cm) |
| Speed | 0.18 sec/60° |
| Dimensions | 1.52 x 0.77 x 1.41in 38.8 x 19.8 x 36mm |
| Weight | 1.41oz 40g |

33475



HS-525MG HIGH SPEED

| 4.8 Volts | |
|------------|--|
| Torque | 45.82 oz.in(3.3kg.cm) |
| Speed | 0.17 sec/60° |
| 6.0 Volts | |
| Torque | 56.93 oz.in(4.1kg.cm) |
| Speed | 0.13 sec/60° |
| Dimensions | 1.56 x 0.77 x 1.41in 39.8 x 19.8 x 36mm |
| Weight | 1.78oz 50.6g |

32525



HS-545BB HIGH TORQUE

| 4.8 Volts | |
|------------|--|
| Torque | 61.10 oz.in(4.4kg.cm) |
| Speed | 0.22 sec/60° |
| 6.0 Volts | |
| Torque | 76.37 oz.in(5.5kg.cm) |
| Speed | 0.17 sec/60° |
| Dimensions | 1.56 x 0.77 x 1.40in 39.8 x 19.8 x 35.8mm |
| Weight | 1.56oz 44.5g |

31545



HS-625MG SUPER TORQUE

| 4.8 Volts | |
|------------|--|
| Torque | 76.37 oz.in(5.5kg.cm) |
| Speed | 0.18 sec/60° |
| 6.0 Volts | |
| Torque | 94.43 oz.in(6.8kg.cm) |
| Speed | 0.15 sec/60° |
| Dimensions | 1.59 x 0.77 x 1.48in 40.6 x 19.8 x 37.8mm |
| Weight | 1.94oz 55.2g |

32625



HS-635HB HIGH TORQUE

| 4.8 Volts | |
|------------|--|
| Torque | 69.43 oz.in(5kg.cm) |
| Speed | 0.18 sec/60° |
| 6.0 Volts | |
| Torque | 83.32 oz.in(6kg.cm) |
| Speed | 0.15 sec/60° |
| Dimensions | 1.59 x 0.77 x 1.52in 40.6 x 19.8 x 38.8mm |
| Weight | 1.76oz 50g |

33635



HS-645MG ULTRA TORQUE

| 4.8 Volts | |
|------------|--|
| Torque | 106.93 oz.in(7.7kg.cm) |
| Speed | 0.24 sec/60° |
| 6.0 Volts | |
| Torque | 133.31 oz.in(9.6kg.cm) |
| Speed | 0.20 sec/60° |
| Dimensions | 1.59 x 0.77 x 1.48in 40.6 x 19.8 x 37.3mm |
| Weight | 1.94oz 55.2g |

32645



HS-925MG ULTRA SPEED

| 4.8 Volts | |
|------------|--|
| Torque | 84.71 oz.in(6.1kg.cm) |
| Speed | 0.11 sec/60° |
| 6.0 Volts | |
| Torque | 106.93 oz.in(7.7kg.cm) |
| Speed | 0.08 sec/60° |
| Dimensions | 1.55 x 0.78 x 1.48in 39.4 x 20 x 37.8mm |
| Weight | 1.97oz 56g |

32925



HS-945MG ULTRA TORQUE

| 4.8 Volts | |
|------------|--|
| Torque | 122.2 oz.in(8.8kg.cm) |
| Speed | 0.16 sec/60° |
| 6.0 Volts | |
| Torque | 152.75 oz.in(11kg.cm) |
| Speed | 0.12 sec/60° |
| Dimensions | 1.55 x 0.78 x 1.48in 39.4 x 20 x 37.8mm |
| Weight | 1.97oz 56g |

32945



HS-755MG QUARTER SCALE

| 4.8 Volts | |
|------------|--|
| Torque | 166.64 oz.in(12.0kg.cm) |
| Speed | 0.28 sec/60° |
| 6.0 Volts | |
| Torque | 199.97 oz.in(14.4kg.cm) |
| Speed | 0.23 sec/60° |
| Dimensions | 2.33 x 1.14 x 2.05in 59 x 29 x 50mm |
| Weight | 4.12oz 117g |

32755



HS-755HB QUARTER SCALE

| 4.8 Volts | |
|------------|--|
| Torque | 152.75 oz.in(11kg.cm) |
| Speed | 0.28 sec/60° |
| 6.0 Volts | |
| Torque | 183.31 oz.in(13.2kg.cm) |
| Speed | 0.23 sec/60° |
| Dimensions | 2.32 x 1.14 x 1.96in 59 x 29 x 50mm |
| Weight | 3.88oz 110g |

33755

ANALOG SERVOS



HS-765HB
SAIL CONTROL

| 4.8 Volts | |
|------------|--|
| Torque | 152.75 oz.in(11kg.cm) |
| Speed | 0.28 sec/60° |
| 6.0 Volts | |
| Torque | 183.31 oz.in(13.2kg.cm) |
| Speed | 0.23 sec/60° |
| Dimensions | 2.32 x 1.14 x 1.96in 59 x 29 x 50mm |
| Weight | 3.88oz 110g |

33765



HS-785HB
WINCH SERVO

| 4.8 Volts | |
|------------|--|
| Torque | 152.75 oz.in(11kg.cm) |
| Speed | 1.68 sec/60° |
| 6.0 Volts | |
| Torque | 183.31 oz.in(13.2kg.cm) |
| Speed | 1.38 sec/60° |
| Dimensions | 2.32 x 1.14 x 1.96in 59 x 29 x 50mm |
| Weight | 3.88oz 110g |

33785



HS-815BB
MEGA SAIL

| 4.8 Volts | |
|------------|--|
| Torque | 274.96 oz.in(19.8kg.cm) |
| Speed | 0.19 sec/60° |
| 6.0 Volts | |
| Torque | 343.01 oz.in(24.7kg.cm) |
| Speed | 0.14 sec/60° |
| Dimensions | 2.59 x 1.18 x 2.26in 66 x 30 x 57.6mm |
| Weight | 5.36oz 152g |

31815



HS-805BB
MEGA QUARTER SCALE

| 4.8 Volts | |
|------------|--|
| Torque | 274.96 oz.in(19.8kg.cm) |
| Speed | 0.19 sec/60° |
| 6.0 Volts | |
| Torque | 343.01 oz.in(24.7kg.cm) |
| Speed | 0.14 sec/60° |
| Dimensions | 2.59 x 1.18 x 2.26in 66 x 30 x 57.6mm |
| Weight | 5.36oz 152g |

31805

DIGITAL SERVO PROGRAMMER

HFP-10 SERVO TESTER/ DIGITAL PROGRAMMER

Offered in a sturdy aluminum case, the programmer will program the Hitec digital servos and test any brand of analog servo.

Programmable functions of the Hitec digital servos are;

Factory Default Reset /
Dead Band Width Adjustment /
Direction of Rotation / Speed of Rotation /
Fail Safe On - Off / End Point / Neutral Point /
Fail Safe Point Preset

The HFP-10 is also an analog servo tester featuring;

Manual and Automatic testing procedures.
Transmitter Pulse width measurement.
Receiver Voltage measurement.

Features

- Internal 4.8V Rechargeable battery
- Low Battery Warning
- LCD Screen
- Easy Operation
- Sturdy Aluminum Case

Stock# 44410



DIGITAL SERVOS

Hitec now offers 18 powerful, programmable digital servos featuring the wide range of our revolutionary servo technology. These servos use our own programmable amplifiers, and a variety of gear train technologies including resin, brass, aluminum, Karbonite and now Titanium alloys. Want to try digitals but you've been waiting for the price to drop? Check out the economic HS-5475HB. Need the smoothest premium servo ever made, use our HS-69X5HB series. Check out our full line of digital servo products and get the advantage of digital technology working for you.



HS-5125MG
DIGITAL WING

| 4.8 Volts | |
|------------|--|
| Torque | 41.66 oz.in(3.0kg.cm) |
| Speed | 0.17 sec/60° |
| 6.0 Volts | |
| Torque | 48.60 oz.in(3.5kg.cm) |
| Speed | 0.13 sec/60° |
| Dimensions | 1.18 x 0.39 x 1.33in 30 x 10 x 34mm |
| Weight | 0.84oz 24g |

35125



HS-5245MG
DIGITAL MINI

| 4.8 Volts | |
|------------|--|
| Torque | 61.10 oz.in(4.4kg.cm) |
| Speed | 0.15 sec/60° |
| 6.0 Volts | |
| Torque | 76.37 oz.in(5.5kg.cm) |
| Speed | 0.12 sec/60° |
| Dimensions | 1.27 x 0.66 x 1.21in 32.4 x 16.8 x 30.8mm |
| Weight | 1.12oz 32g |

35245



HS-5475HB
DIGITAL STANDARD

| 4.8 Volts | |
|------------|--|
| Torque | 61.10 oz.in(4.4kg.cm) |
| Speed | 0.23 sec/60° |
| 6.0 Volts | |
| Torque | 76.37 oz.in(5.5kg.cm) |
| Speed | 0.18 sec/60° |
| Dimensions | 1.52 x 0.77 x 1.41in 38.8 x 19.8 x 36mm |
| Weight | 1.41oz 40g |

35475



HS-5625MG
DIGITAL SUPER SPEED

| 4.8 Volts | |
|------------|--|
| Torque | 109.7 oz.in(7.9kg.cm) |
| Speed | 0.17 sec/60° |
| 6.0 Volts | |
| Torque | 130.53 oz.in(9.4kg.cm) |
| Speed | 0.14 sec/60° |
| Dimensions | 1.59 x 0.77 x 1.48in 40.6 x 19.8 x 37.8mm |
| Weight | 2.11oz 60g |

35625



HS-5645MG
DIGITAL SUPER TORQUE

| 4.8 Volts | |
|------------|--|
| Torque | 143.03 oz.in(10.3kg.cm) |
| Speed | 0.23 sec/60° |
| 6.0 Volts | |
| Torque | 168.03 oz.in(12.1kg.cm) |
| Speed | 0.18 sec/60° |
| Dimensions | 1.59 x 0.77 x 1.48in 40.6 x 19.8 x 37.8mm |
| Weight | 2.11oz 60g |

35645



HS-5965MG
CORELESS DIGITAL

| 4.8 Volts | |
|------------|--|
| Torque | 119.42 oz.in(8.6kg.cm) |
| Speed | 0.13 sec/60° |
| 6.0 Volts | |
| Torque | 144.42 oz.in(10.4kg.cm) |
| Speed | 0.10sec/60° |
| Dimensions | 1.57 x 0.78 x 1.45in 40 x 20 x 37mm |
| Weight | 2.18oz 62g |

35965



HS-5985MG
CORELESS DIGITAL

| 4.8 Volts | |
|------------|--|
| Torque | 144.42 oz.in(10.4kg.cm) |
| Speed | 0.16 sec/60° |
| 6.0 Volts | |
| Torque | 172.20 oz.in(12.4kg.cm) |
| Speed | 0.13sec/60° |
| Dimensions | 1.57 x 0.78 x 1.45in 40 x 20 x 37mm |
| Weight | 2.18oz 62g |

35985



HS-6635HB
DIGITAL HIGH TORQUE

| 4.8 Volts | |
|------------|--|
| Torque | 69.43 oz.in(5kg.cm) |
| Speed | 0.18 sec/60° |
| 6.0 Volts | |
| Torque | 83.32 oz.in(6kg.cm) |
| Speed | 0.15sec/60° |
| Dimensions | 1.56 x 0.77 x 1.52in 39.8 x 19.8 x 38.8mm |
| Weight | 1.83oz 52g |

36635



HS-6965HB
SPEED DIGITAL

| 4.8 Volts | |
|------------|--|
| Torque | 91.65 oz.in(6.6kg.cm) |
| Speed | 0.10 sec/60° |
| 6.0 Volts | |
| Torque | 111.09 oz.in(8kg.cm) |
| Speed | 0.08sec/60° |
| Dimensions | 1.57 x 0.78 x 1.45in 40 x 20 x 37mm |
| Weight | 1.83oz 52g |

36965



HSC-6965HB
SPEED DIGITAL

| 4.8 Volts | |
|-------------|--|
| Torque | 91.65 oz.in(6.6kg.cm) |
| Speed | 0.10 sec/60° |
| 6.0 Volts | |
| Torque | 111.09 oz.in(8kg.cm) |
| Speed | 0.08sec/60° |
| Dimensions | 1.57 x 0.78 x 1.45in 40 x 20 x 37mm |
| Weight | 1.83oz 52g |
| Wire Length | 180mm (7in) |

36965C



HS-6975HB
CORELESS DIGITAL

| 4.8 Volts | |
|------------|--|
| Torque | 119.42 oz.in(8.6kg.cm) |
| Speed | 0.13 sec/60° |
| 6.0 Volts | |
| Torque | 144.42 oz.in(10.4kg.cm) |
| Speed | 0.10sec/60° |
| Dimensions | 1.57 x 0.78 x 1.45in 40 x 20 x 37mm |
| Weight | 1.83oz 52g |

36975



HS-6985HB
CORELESS DIGITAL

| 4.8 Volts | |
|------------|--|
| Torque | 144.42 oz.in(10.4kg.cm) |
| Speed | 0.16 sec/60° |
| 6.0 Volts | |
| Torque | 172.20 oz.in(12.4kg.cm) |
| Speed | 0.13sec/60° |
| Dimensions | 1.57 x 0.78 x 1.45in 40 x 20 x 37mm |
| Weight | 1.83oz 52g |

36985

Upgraded
Aluminum
Heat Sink



HS-5745MG
DIGITAL 1/4 SCALE

| 4.8 Volts | |
|------------|--|
| Torque | 208.30 oz.in(15kg.cm) |
| Speed | 0.18 sec/60° |
| 6.0 Volts | |
| Torque | 249.96 oz.in(18kg.cm) |
| Speed | 0.15 sec/60° |
| Dimensions | 2.32 x 1.14 x 2.04in 59 x 29 x 52mm |
| Weight | 5.68oz 161.1g |

35745

AIRCRAFT RECEIVERS



Electron 6 FM

Six Channel FM Dual Conversion Receiver

| | Standard | Metric |
|------------|-----------------------|------------------|
| Size LxWxH | 1.79x0.88x0.59in | 45.5x22.5x15.0mm |
| Weight | 0.60oz | 17g |
| 72 MHz | | |
| Stock #s | Hitec/Fut (U-hole) | 25272 |
| Stock #s | JR/KO/Airt-Z (U-hole) | 25372 |

- Narrow Band
- Low Voltage Operation(3.0V)



Mini 6S

Six Channel FM Single Conversion Receiver

| | Standard | Metric |
|------------|----------------|--------------|
| Size LxWxH | 1.44x1.0x0.7in | 36.7x25x18mm |
| Weight | 0.53oz | 15g |
| 72 MHz | | |
| Stock #s | 28872 | |

- FM Single Conversion
- Narrow Band
- Compact Size



Micro 05S

Five Channel FM Single Conversion Receiver

| | Standard | Metric |
|------------|-----------------|--------------|
| Size LxWxH | 1.27x0.78x0.4in | 37x19.3x10mm |
| Weight | 0.3oz | 8.6g |
| 72 MHz | | |
| Stock #s | 25572 | |

- Ultra Light Weight and Micro Size
- Auto Gain Control (AGC)
- 5 Channel (1~4Ch, 6Ch)
- FM Single Conversion



HAS-03MB

Three Channel AM Single Conversion Receiver

| | Standard | Metric |
|------------|---------------|------------|
| Size LxWxH | 1.9x1.2x0.7in | 48x30x18mm |
| Weight | 0.81oz | 23g |
| 27MHz | | |
| Stock #s | 26427 | 26472 |

- Narrow Band
- Battery Eliminator Circuit



Neutron 6S

Six Channel FM Dual Conversion IPD Receiver

| | Standard | Metric |
|------------|---------------|--------------|
| Size LxWxH | 1.8x0.9x0.6in | 45.5x23x16mm |
| Weight | 0.67oz | 19g |
| 72 MHz | | |
| Stock #s | 28972 | |

- In-line Type
- FM Dual Conversion with AGC Function
- Programmable Hold & Fail Safe Mode by IPD Technology
- LED Indicator (Power Indicator) with Low Battery Warning
- Ultra Narrow Band
- Channel output & Crystal type : Horizontal Type



HPD-07RH QPCM

Seven Channel FM Dual Conversion QPCM Receiver

| | Standard | Metric |
|------------|---------------|--------------|
| Size LxWxH | 2.1x1.4x0.9in | 54.4x35x20mm |
| Weight | 1.27oz | 36.1g |
| 72 MHz | | |
| Stock #s | 27372 | |

- Shock Absorber Technology
- Narrow Band
- Low Voltage Operation (3.0V)
- Dual Battery Slot
- DSC (Direct Servo Control)
- Power Indicator



Supreme Shift Select RCD3800

Seven Channel FM Dual Conversion PPM Receiver

| | Standard | Metric |
|------------|------------------|----------------|
| Size LxWxH | 2.3"x 1.4"x 0.8" | 56.8x35.2x21.5 |
| Weight | 1.34oz | 38grams |
| 72 MHz | | |
| Stock # | 23872 | |

- Dual Conversion
- Ultra Narrow Band

Supreme Series

Eight Channel FM Dual Conversion PPM Receiver

| | Standard | Metric |
|------------|------------------|----------------|
| Size LxWxH | 2.3"x 1.4"x 0.8" | 56.8x35.2x21.5 |
| Weight | 1.34oz | 38grams |

Supreme Aircraft Receivers

| | Compatibility | 72MHz |
|----------|-----------------------|-------|
| Stock #s | Hitec (U-hole) | 23572 |
| Stock #s | JR/KO/Airt-Z (U-hole) | 23672 |
| Stock #s | Fut "J" | 23272 |

Supreme Surface Receiver

| | Compatibility | 75MHz |
|----------|--------------------|-------|
| Stock #s | Hitec/Fut (U-hole) | 23575 |



Supreme IIS

Eight Channel FM Dual Conversion Receiver

| | Standard | Metric |
|------------|---------------|------------|
| Size LxWxH | 2.0x1.2x0.8in | 51x32x20mm |
| Weight | 0.99oz | 28g |
| 72 MHz | | |
| Stock #s | 23972 | |

- FM Dual Conversion
- Ultra Narrow Band
- Small Size
- Channel output & Crystal type : Vertical Type
- Low Voltage Operation



SURFACE RECEIVERS



HAS-02MB

Two Channel AM Single Conversion Receiver

| | Standard | Metric |
|------------|---------------|------------|
| Size LxWxH | 1.9x1.2x0.7in | 48x30x18mm |
| Weight | 0.81oz | 23g |
| | 75MHz | |
| Stock #'s | 26275 | |

- Small Size
- Narrow Band
- Battery Eliminator Circuit

HAS-02MC

Two Channel AM Single Conversion Receiver

| | Standard | Metric |
|------------|---------------|--------------|
| Size LxWxH | 1.9x1.2x0.7in | 47.5x30x19mm |
| Weight | 0.67 oz | 19g |
| | Compatibility | 27MHz 75MHz |
| Stock #'s | Universal | 26527 26575 |

- Mini Size
- Narrow Band
- Battery Eliminator Circuit
- AM Single Conversion

DCX

Three Channel FM Dual Conversion Receiver

| | Standard | Metric |
|------------|-----------------------|-------------|
| Size LxWxH | 1.6x1.1x0.7in | 40x28x18mm |
| Weight | 0.75oz | 21g |
| | Compatibility | 27MHz 75MHz |
| Stock #'s | Hitec/Fut (U-hole) | 24227 24275 |
| Stock #'s | JR/KO/Airt-Z (U-hole) | 24375 |

- Narrow Band
- DSC (Direct Servo Control)



HIS-03MK IPD

Three Channel FM Single Conversion Receiver

| | Standard | Metric |
|------------|---------------|--------------|
| Size LxWxH | 1.5x1.0x0.6in | 38.8x26x16mm |
| Weight | 0.6 oz | 17g |
| | Compatibility | 27MHz 75MHz |
| Stock #'s | Universal | 24927 24975 |

- IPD (Intelligent Pulse Decoding) with Hold & Fail Safe
- DSC (Direct Servo Control)
- Narrow Band
- Power LED
- Low Battery Warning



HFS-03MM

Three Channel FM Single Conversion Receiver

| | Standard | Metric |
|------------|---------------|--------------|
| Size LxWxH | 1.5x1.0x0.6in | 37.5x25x16mm |
| Weight | 0.56oz | 15.9g |
| | Compatibility | 27MHz 75MHz |
| Stock #'s | Universal | 24627 24675 |

- Narrow Band
- DSC (Direct Servo Control)
- LED Power Indicator
- Low Voltage Operation (2.3V)

RECEIVER INFORMATION

| | | |
|--|-----------------------------------|---|
| | 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. |
| | 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! |
| | 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. |

FLIGHT PACKS

Need a Flight Pack for Your Latest Project? Hitec Flight Packs are a Fantastic Value and Feature the Latest Receivers Offering Auto Shift and Much More.

Micro Pack

Great for Micro Electric Models



Micro 05S 5channel FM Auto-shift Receiver

Three HS-55 Sub-micro Servos

Stock# 25555

Electric Heli Pack

A Super Deal for Any Micro Electric Heli Project



Micro 05S 5 channel FM Auto-shift Receiver

Four HS-56HB Micro Servos

Stock# 25581

Economy Pack



Mini 6S 6 Channel FM Auto-shift Receiver

Four HS-322HB Standard Deluxe Servo

Rechargeable Receiver Battery and Switch Harness w/charge Plug

Stock# 28832

Mini Pack

Perfect for Park Flyers and Sport Sailplanes



Mini 6S 6 Channel FM Auto-shift Receiver

Three HS-81 Micro Servos

Stock# 28881

Mini Micro Pack

Micro Servos and Mini 6 Receiver Works Well for Smaller Electric Aircraft



Mini 6S 6 Channel FM Auto-shift Receiver

Three HS-55 Sub-micro Servos

Stock# 28855

Universal Pack II



Supreme II S 8 Channel FM Auto-shift Receiver

Four HS-425BB Deluxe Ball Bearing Servos

Rechargeable Receiver Battery and Switch Harness w/charge Plug

Stock# 23942

Neutron Micro Pack

High Performance Package Containing the Dual Conversion, IPD NEUTRON 6S Receiver for Use with Any Modern FM Transmitter.



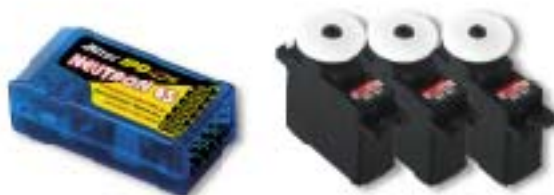
Neutron 6 Channel FM Dual Conversion IPD Receiver

Three HS-55 Sub-Micro Servos

Stock# 25950

Neutron Mini Pack

Another Package with the NEUTRON 6S Receiver and Three HS-81 Servos Good for Any Park Flyer



Neutron 6 Channel FM Dual Conversion IPD Receiver

Three HS-81 Micro Servos

Stock# 25953

MODULES

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

Have a Fully Synthesized System When You Use the SPECTRA With the New Fusion 8S, 8 Channel Receiver.

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
- Frequency Range :
72.010~75.990MHz (U.S.A)

Stock# 24472



SPECTRA for SURFACE Synthesized RF Module Model # HP-PLL(PPM)

Never Use Crystals Again When you Combine the SPECTRA 75 With the New Synthesized SYNTH DX 3 Channel Dual Conversion Super Receiver.

The Spectra Surface is a direct replacement for the standard RF Module in Lynx 3D, Aggressor CRX, SRX Car radios

Specification

- Modulation : 2.8KHz + 200Hz
- Current Drain : 150mA
- Frequency Range :
75.410~75.990MHz (U.S.A)

Stock# 24475



Electronic Speed Controllers

HFX

High Frequency Electronic Speed Control

The high performance HFX Electronic Speed Control offers smooth throttle response under the most demanding applications. Featuring Proportional "forward only" action and TEMPFET thermal shutdown protection. Its easy one touch set-up and economic pricing make the HFX perfect for any high performance R/C car, buggy or truck

Features:

- Power MOSFET's Provide Low Power Loss.
- High Frequency Output (1830Hz) TEMPFET Protection
- Prevents Overheating Damage Adjustable Current Limiting (Traction Control) 20-120 Amps One Push Easy Set-up
- 12 Gauge Silver Wire for Low Power Loss

Applications

Sport To Competition Level, Cars, Boats, Trucks and Buggies



| Specifications | Standard | Metric |
|-----------------------|--------------------------------------|----------------------|
| Size | 1.6" x 1.2" x 0.7" | 41.6 x 29.6 x 18.5mm |
| Weight | 1.9 oz | 53 grams |
| Input Voltage | 4-10 cells | |
| Current Limiting | 20 - 120 A | |
| B.E.C. | 6 Volts / 5 A | |
| PWM Frequency | 1830 Hz | |
| Forward Current | 300 A | |
| Braking Current | 100 A | |
| Internal Resistance | 0.001167 Ω | |
| Low Operating Voltage | 2.7 Volts | |
| Motor Limit | No lower than 10 turns (recommended) | |
| Stock # | 41810 | |

HFX-R

High Frequency Electronic Speed Control

The new high performance HFX-R speed control offers proportional forward and reverse. Its smooth linear response, easy one touch set-up and economic pricing make it perfect for any R/C car, buggy or truck.

Features:

- One Push Easy Set-up Power MOSFET's Provide Low Power Loss
- TEMPFET Protection Prevents Overheating Damage
- 12 Gauge Silver Wire for Low Resistance

Applications

Sport Level Cars, Trucks, Buggies and Boats



| Specifications | Standard | Metric |
|-------------------------|--|----------------|
| Size | 1.6" x 1.3" x 1.1" | 41 x 34 x 28mm |
| Weight | 2oz | 56 grams |
| Operating Voltage Range | 7.2 to 8.4V (6~7CELL) | |
| PWM Freq | 1900Hz | |
| Forward Current | 162A | |
| Braking Current | 80A | |
| B.E.C. | 5Volts at 1A | |
| Internal Resistance | 0.004 Ω Forward, 0.008 Ω Reverse | |
| Motor Limit | 10 turn Forward, 12 turn Reverse | |
| Stock # | 41820 | |

EZX-R, EZX-R pro

High Frequency Electronic Speed Control

The EZX-R and EZX-R Pro are great performing and affordable Electronic Speed Controls for your Sport Car, Boat, Buggy or Truck. Both offer the latest high frequency technology using high quality FET's for smooth proportional throttle control and feature easy one push set up

Features:

- Microprocessor Controlled
- Low Resistance
- MOSFET Drive Two Way or One Way
- Built in on/off Switch
- One Push Set-up Thermal Protection

Applications

Sport Level, Cars, Boats, Trucks and Buggies



| Specifications | EZX-R Pro | EZX-R |
|-------------------------------|-----------------------|-----------------------|
| Size | 1.58" x 1.34" x 0.63" | 1.58" x 1.34" x 0.63" |
| Weight | 2oz | 2oz |
| Input Operating Voltage Range | 7.2V~8.4V (6~7CELL) | 7.2V~8.4V (6~7CELL) |
| Forward Peak Current | 140A | 65A |
| Forward Continuous Current | 96A | 46A |
| Backward Peak Current | 70A | 32A |
| Backward Continuous Current | 48A | 23A |
| Bec Voltage & Current | 5V +/-0.2V 800mA | 5V +/-0.2V 800mA |
| Half Cut Off Temperature | 105 C +/-10 C | 105 C +/-10°C |
| Actual resistance | 0.012m Ω | 0.032m Ω |
| Drive frequency | 1.9KHz | 1.9KHz |
| Motor Limit | 17 Turn | 23 Turn |
| Stock # | 41840 | 41830 |

USB Simulator Interface Cable

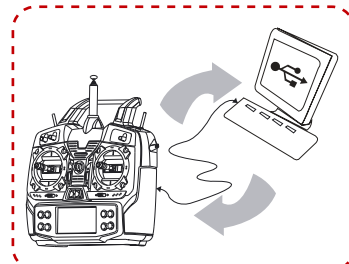
Hitec helps you learn how to fly, or improve your existing flying skills on your PC with our flight simulator interface. Designed to work with the popular and free PC based, FMS flight simulator, this new software interface cable plugs into any Hitec transmitter with a trainer cord plug. Featuring a USB plug for easy installation, it also works with most joystick operated flying simulators.

SPECIFICATION

| USB Simulator Interface | For HiTEC transmitters |
|-------------------------|---|
| Hardware Requirements | Transmitter with Trainer socket (for Hitec transmitter DIN trainer plug) |
| | PC with USB port |
| Software Requirements | Windows 98, ME, 2000, XP, FMS flight simulator |
| Total Cable Length | 2000 mm (78.74in) |

| Part | Type | |
|----------------------------|----------------------|-------|
| Stock #'s SIC HU | Hitec adaptor | 58317 |
| Stock #'s SIC EU | SIC cable | 58315 |
| Stock #'s SIC HE (HU + EU) | Complete SIC package | 58318 |

Visit FMS Website at http://n.ethz.ch/student/mmoeller/fms/index_e.html to Download Simulator Software at Free of Charge! Then, Plug & Play!



CHARGERS

CG-340

4-16 Cell, 50 - 3300mAh NiCd and NiMH Battery Pack Peak Charger

Features

- Peak Charges NiCd and NiMH Batteries
- Input and Output Battery Polarity Protection
- Features the Exclusive Hitec "No False Peaks" Circuitry
- Shuts Down Automatically after 65 Minutes
- Automatic Nicd Trickle Charge
- User Adjustable Charging Rates
- Handy Built-in Wire Holder
- MOS-FET Drive Control with Pulse Charging
- Delta Peak Cutoff



For Charging 4-16 Cell NiCd and NiMH, 50 to 3300mAh Battery Packs

| | |
|--------------------------------|--------------------------|
| Wide Input Voltage range | 9 - 13.9 Volt |
| Input Battery Minimum Capacity | 4A |
| Charging Amperage | .2 - 1.5 / .2 - 3.5 |
| Charges | 4-16 NiCd and NiMH Cells |
| Stock # | 43340 |

CG-25A

NiCd AC Overnight Charger

- AC Overnight Charger
- Charger for Receiver & Transmitter NiCd Battery
- Charging Capacity : 50mAh

Stock

CG-25A 110V : # 43025



CG-S35

Ni-MH SMPS Overnight Charger

- SMPS (Switching Mode Power Supply) Type
- Charger for Receiver & Transmitter Ni-MH Battery
- Charging Capacity : 130mAh
- 9.6V for Tx and 4.8V for Rx Ni-MH Battery

Stock

CG-S35 110V : # 44350



BATTERIES & ACCESSORIES



Stock # 54119
TX NiMH PACK



Stock # 54120
TX NiMH FLAT TYPE PACK



Stock # 54114
TX NiMH PACK



Stock # 54115
TX NiMH PACK



Stock # 54117
RX NiMH PACK



Stock # 54118
RX NiMH PACK

POWER MATE II

Receiver Battery Checker

For checking the condition of Receiver batteries within the range of 270mAh through 1000mAh

- Dual Voltage Range : 4.8v/6.0v (4-5cell)
- Reading Range : 0-120% (Empty to Full)



Stock # 44110

TX & RX NiMH / NiCd Battery Packs

| Stock # | Battery packs |
|---------|---|
| 54119 | TX NiMH BATTERY PACK 9.6V, 1,300mAh ELCO (CYLINDER TYPE) for Optic6, Eclipse, Laser 4/6, Flash, Neon SS |
| 54120 | TX NiMH BATTERY PACK 9.6V, 1,300mAh ELCO (FLAT TYPE) for Aggressor CRX and SRX |
| 54121 | RX NiMH BATTERY PACK 4.8V, 1,200mAh S-01(FLAT TYPE) |
| 54123 | TX NiMH BATTERY PACK 9.6V, 1300mAh, S-01(FLAT TYPE) for Aggressor CRX, SRX |
| 57404 | RX NiCd BATTERY PACK 1000mAh (FLAT TYPE) |
| 57405 | RX NiCd BATTERY PACK 270mAh (FLAT TYPE) |
| 54111 | RX NiCd BATTERY PACK 600mAh (CYLINDER TYPE) |
| 54112 | RX NiCd BATTERY PACK 270mAh (CYLINDER TYPE) |

Optional NiMH 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 |
| 54116 | TX NiMH BATTERY PACK 9.6V, 1,600mAh S-01(FLAT TYPE) for LYNX 3D, FOCUS Series |
| 54117 | RX NiMH BATTERY PACK 4.8V, 1600mAh, S-01(FLAT TYPE) |
| 54118 | RX NiMH BATTERY PACK 4.8V, 750mAh, S-01(FLAT TYPE) |



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

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

AILERON EXTENSIONS

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

HEAVY DUTY "Y" EXTENSIONS

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

"Y" EXTENSIONS

| Stock # | Extensions |
|---------|-----------------|
| 57351 | 6" "Y" Harness |
| 57350 | 24" "Y" Harness |

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

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

PARTS & ACCESSORIES

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 |
| 54801 | FUTABA "J" HOUSING & GOLD PIN ONE SET |
| 57417 | 3 COLOR SERVO WIRE 50ft (15.24m) |
| 54804 | 3 COLOR HEAVY GAUGE SERVO WIRE 50ft (15.24m) |



Stock # 56375

BANANA JACK W/TX CHARGER CORD

Stock # 56376

BANANA JACK W/RX CHARGER CORD

TX & RX CHARGER CORD

| Stock # | Cord |
|------------------|---|
| 56371 | TX CHARGER CORD |
| 56375 | BANANA JACK W/TX CHARGER CORD |
| 57372 | RX CHARGER CORD (500mm) |
| 57376 | BANANA JACK W/RX CHARGER CORD |
| 57377 for J or S | TX & RX CHARGER CORD WITH BANANA JACK (56375 + 57376) |
| 57416 | ADAPTOR TO CHARGE 2CH RX NICD |
| 58307 | ADAPTOR TO CHARGE OPTIC/ECLIPSE/PRISM/FLASH TX NICD |



Stock # 58310

TRAINER CORD

Stock # 54301

DSC CORD

TX & RX ANTENNA

| Stock # | Antenna |
|---------|--|
| 58001 | ANTENNA FOR RANGER 2N A.M & F.M /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 |



Stock # 57201

LOW CHANNEL
RECEIVER BATTERY BOX

Stock # 54407J

FUTABA "J" HEAVY DUTY
HIGH CHANNEL SWITCH HARNESS

TX & RX BATTERY HOLDER & SWITCH HARNESS

| Stock # | Battery Holder & Switch Harness |
|---------|---|
| 54409 | TX BATTERY HOLDER FOR OPTIC 6 /NEON SS FM |
| 54410 | TX BATTERY HOLDER FOR AGGRESSOR SERIES |
| 57201 | LOW CHANNEL RECEIVER BATTERY BOX |
| 57204 | B.E.C SYSTEM SWITCH |
| 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 |
| 57215J | FUTABA "J" HIGH CHANNEL SWITCH HARNESS WITH RX CHARGER CORD |
| 54407S | HITEC "S" HEAVY DUTY HIGH CHANNEL SWITCH HARNESS WITH RX CHARGER |
| 54407J | FUTABA "J" 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 S-01 |
| 54403 | MICRO SWITCH HARNESS |
| 54404 | MICRO S/W HARNESS & AAA SIZE BATT. BOX (54402+54403) |
| 54405 | LYNX 3D TRANSMITTER DRY BATTERY PACK |
| 54406 | LYNX 3D TRANSMITTER NICAD BATTERY PACK (W/O NICAD BATTERY) |

MISCELLANEOUS TRANSMITTER ACCESSORIES

| Stock # | Accessory |
|---------|--|
| 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 |
| 56381 | CONTROL STICK EXTENSION |
| 58310 | ONE WAY TRAINER CORD |
| 58311 | NECK STRAP |
| 58314 | THROTTLE SPRING DEFEAT WITH SCREW FOR FOCUS 3SS/RANGER 2Z |
| 54301 | DSC DIRECT SERVO CONTROL CONNECTOR FOR LYNX 3D |



Stock # 57342

"S" SERVO CONNECTOR

Stock # 54601

"S" HEAVY DUTY
SERVO CONNECTOR

Stock # 54607

"S" TWISTED HEAVY DUTY
GOLD PIN SERVO CONNECTOR

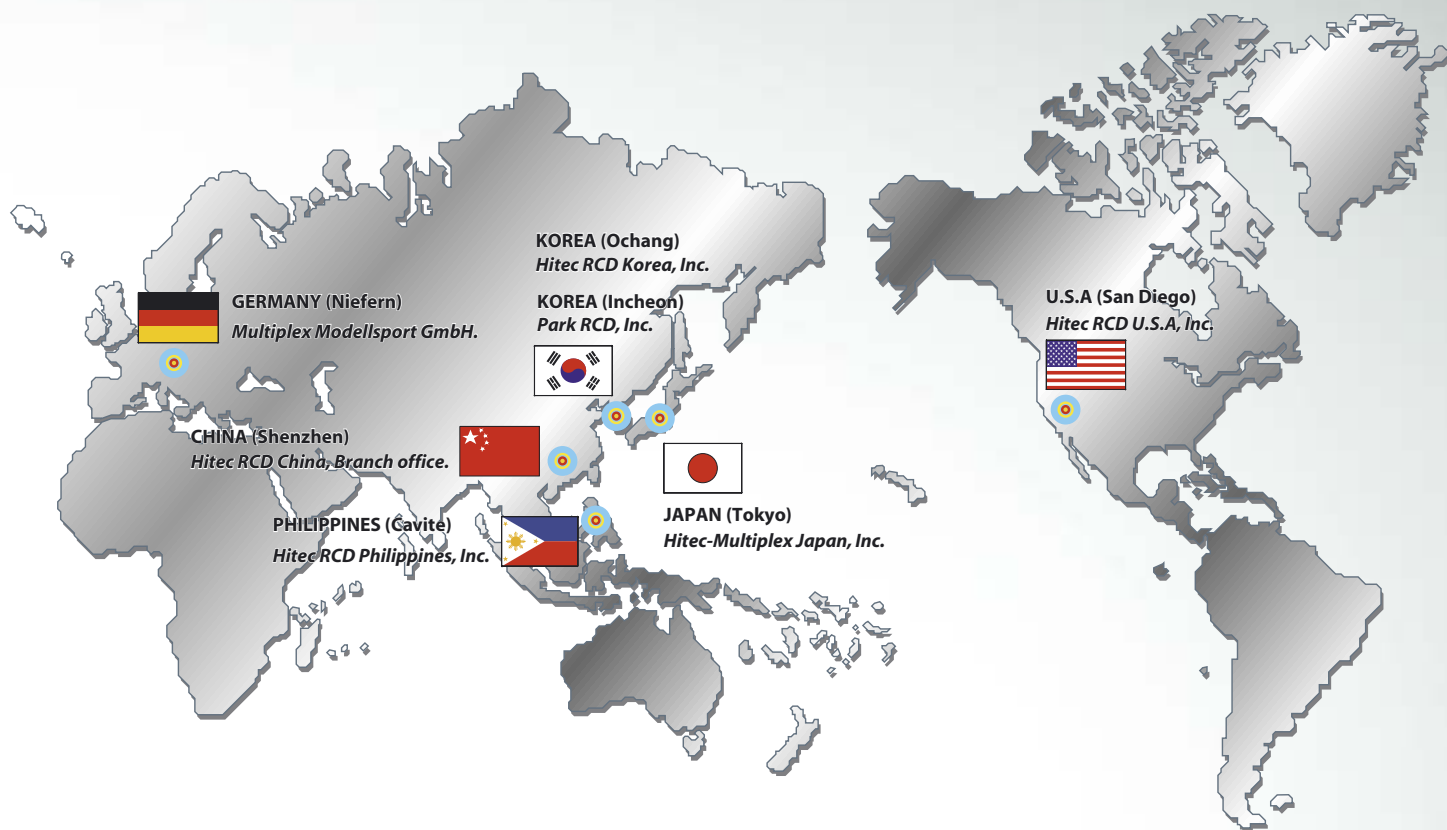
REGULAR SERVO CONNECTOR

| Stock # | Connector (HITEC "S", FUTABA "J") |
|---------|-----------------------------------|
| 57342S | HITEC "S" SERVO CONNECTOR |
| 57343S | HITEC "S" FEMALE SERVO CONNECTOR |

HEAVY DUTY SERVO CONNECTOR

| Stock # | Connector (ONLY HITEC "S", FUTABA "J" & NO SANWA) |
|---------|---|
| 54601S | HITEC "S" HEAVY DUTY SERVO CONNECTOR |
| 54602S | HITEC "S" HEAVY DUTY FEMALE SERVO CONNECTOR |

HITEC WORLDWIDE



Hitec RCD Korea, Inc.
Ochang, Cheongwon-gun,
Chungcheongbuk-do, Korea
Int'l Headquarter, R&D Center



Park RCD
82B/ 5L , 679-4, Gojan-Dong,
Incheon, Korea
Production, R&D Center for Servo



Hitec RCD USA, Inc.
#12115 Paine Street. Poway,
CA. 92064, U.S.A.
Sales Headquarter for
North & South America



Multiplex Modellsport GmbH & Co.KG
Neuer Weg 15-75223 Niefern, Germany.
Sales Headquarter for European market
Production and R&D Center



HITEC RCD Philippines, Inc.
LOT 6 & 8, BLOCK 24, PHASE 4 PEZA,
ROSARIO, CAVITE, PHILIPPINES
Production & Logistic Center



Hitec-Multiplex Japan, Inc.
1-4-19, Katsushima, Shinagawa-ku,
Tokyo, Japan.
Sales Office in Japan



**The View of Production Facilities
in the Philippines.**

2006

HITEC PRODUCT LINE



RADIO CONTROL SYSTEMS
RECEIVERS
SERVOS
SPEED CONTROLLERS
CHARGERS
ACCESSORIES

www.hitecrd.com

Hitec RCD Mission Statement

Hitec is 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.

Warranty

HITEC RCD USA, INC. guarantees its products to be free from defects in both materials and workmanship for a period of 2 Years from the date of purchase. If any component part fails to function because of defects in materials or workmanship during this period, Hitec RCD will repair or replace the defective product at no charge to the consumer.

2006 HITEC PRODUCT LINE

www.hitecrd.com

HITEC RCD USA, INC.

12115 PAINE ST, POWAY CA 92064 U.S.A.

PHONE : 858-748-6948, FAX : 858-748-1767

2006 HRU Catalog Version 1

HiTEC
www.hitecrd.com