



CATALOG



V - 20

SPY2850 15" Active 2-Way Professional Speaker Box

Our Most Powerful Speaker Box Yet!!!

- 15" Active 2-Way Speaker Box
- DSP Functions
- Wireless Functions
- 1900 Watts (850 RMS)
- XLR and 1/4" Combo Jacks
- Functions as Floor Monitor
- 120/240 V AC



SPY2250 15" Active 2-Way Speaker Box

- 15" Active 2-Way Speaker Box
- DSP Functions
- USB / SD/ FM and Wireless Functions
- LCD Screen Display
- 1300 Watts (650 RMS)
- XLR and 1/4" Combo Jacks
- Functions as Floor Monitor
- 120/240 V AC



ACTIVE SUB WOOFER

SPY-18WAM 18" Active Sub Woofer Box

- 18" Active Sub Woofer Box with threaded M20 socket
- Power/con cable included
- 13-ply Plywood Wooden Box
- Class D Amplifier
- 3600 WATTS (1800 RMS)
- XLR AND 1/4" Jacks
- 128dB (Peak 136dB)
- Freq Response 30 - 150Hz
- 120/240 V AC



Optional

SPY-18WA 18" Active Sub Woofers Box

- 13 Ply Wooden Plywood Box
- Solid Wooden Built-In Wooden Handles
- Subwoofer Components: 18" Subwoofer
- Subwoofer Freq. Resp.: 30Hz~150Hz +/-3dB
- RMS Power: 1800W
- MAX Power: 3600W
- CLASS D AMPLIFIER
- 80Hz-150Hz Low-pass filter select switch

- Phase select switch
- LED function select switch
- Line Input: XLR or 1/4" Jack
- Line Output: XLR
- MAX SPL: 128dB / 136dB(Peak)
- Power Voltage: AC100V - AC240V
- Dimensions(WxDxH): 570x710x670mm
- Net weight: 41.5Kg



Optional



SRX3300 Class H Pro Audio Power Amplifier

If you are looking for a true touring grade power amplifier that can deliver 5000 watts of thumping low end and crystal clear highs then the SRX3300 class H power amplifier is for you! Unmatched in performance, this ruggedly constructed, 2 ohm stable monster delivers the best “dollar to watt” ratio in the marketplace and is packed with features normally found in amps costing up to twice as much.

FEATURES:

- Ideal for Houses of Worship, Clubs and Large Venues
- Class H State of The Art Internal Component Circuitry
- Rugged Construction Designed for Professional Use
- Stereo/Parallel and Bridge Mode Selectable
- Variable Speed Fans With Rear-to- Front Cooling Streams
- Balanced XLR and 1/4” Inputs
- Speakon and Binding Post Outputs
- Signal and Clip LED Indicators
- Seven-Way Power Protection
- 8 ohms Stereo: 2 X 1200W
- 4 ohms Stereo: 2 X 1650W
- 2 ohms Stereo: 2 X 2000W
- 8 ohms Bridged: 3300W
- 4 ohms Bridged: 4400W
- 1/CTN

Rear



Front



PC-1801 Power Conditioner

Our PC1801 is an updated 1U power conditioner with a host of professional features that are both functional and economical. We have added a front panel AC outlet for quick on-the-go connections as well as a chargeable USB jack. Its retractable lights are powered by cool running L.E.D. lamps that are dimmable via front panel control and rated for over 100,000 hours of use. Other features include a digital line voltage indicator, front panel circuit breaker and 8 rear panel AC outlets

FEATURES:

- 1U Single Space Power Conditioner
- Constant Line Voltage Indicator
- Retractable L.E.D. Rack Lights
- USB Input Charging Jack
- Dimmer for Lights
- Front Panel Circuit Breaker
- 8 Rear Panel Outlets
- Front Outlet for Easy Access
- 110/220 V
- 6/CTN

Color Box



Front



Rear



CR234 Stereo 2-Way/ 3-Way/ Mono 4-Way Crossover

The crossover is essentially the heart of your system and is the last place to skimp on quality. The CR234 is made from components of the highest grade including 4-step Butterworth filters and balanced XLR connectors to ensure reliable connections. Features include individual level controls for all bands, subsonic (low cut) filters on each channel, phase correction on each output and adjustable time delay for phase alignment between drivers. Designed for flexibility and world class performance, the CR234 is where great sound systems begin.

FEATURES:

- 2-Way and 3-Way Stereo Crossover Function
- 4-Way Mono Crossover Function
- Four-Step Butterworth Filters
- Ultra Low Frequency Cut & Phase Correction Function
- Frequency Point Is Continuously Adjustable
- Balanced XLR Inputs and Outputs
- Individual Output Level Controls for All Bands
- Rear Panel Mode Selector Switches to Avoid Accidental Setting Changes
- Adjustable Time Delay for Phase Alignment Between Drivers
- 110/220 V AC
- 6/CTN

Color Box



Front



Rear



SPY904 Dual 31-Band Graphic Equalizer

Boost, cut, shape, warm, brighten these are terms you constantly hear in the world of audio. The SPY904 is the device that can do all that and more while only occupying 2 spaces in your rack. Whether in a live or studio situation, notching out feedback, sweetening a track, or performing room equalization corrections, the SPY904 packs the features and quality to satisfy even the most discerning engineer. With its sweepable high and low pass filters, balanced inputs and outputs and adjustable boost and cut range, the SPY904 is as flexible as it is functional.

FEATURES:

- 2 Rack Space Dual 31-Band
- XLR & ¼" TRS Balanced Inputs and Outputs
- 7 Segment LED Output Metering
- Adjustable High Pass and Lo Pass Filters
- Adjustable Cut & Boost Range from +/- 12dB to +/- 18 dB
- Butterworth Filters
- 110/220 V
- 5/CTN.

Front



Rear



SX-8BU 8 Channel Mixer

- 6 Mono Channels + 2 Stereo Channels
- BT function
- 16 DSP multi-effects
- USB Input
- 3 band EQ
- Balanced XLR Outs
- 6 Microphone inputs (Combo Jacks)
- 48V phantom power
- 10/CTN



SX-6BU 6 Channel Mixer

- 4 Mono Channels + 2 Stereo Channels
- BT function
- 16 DSP multi-effects
- USB Input
- 3 band EQ
- Balanced XLR Outs
- 4 Microphone inputs (Combo Jacks)
- 48V phantom power
- 10/CTN



SX-10-UE Professional 8 channel mixer with USB & Effects

Pro audio and DJ use is what the SX-10UE is all about. The four mic inputs, 2 separate stereo channels, USB port and effects to boot make this mixer one of the most versatile on the market for its compact size. Great preamps, balanced XLR's and 3 band EQ's for each channel round out what the professional needs to put a set or mix together.

FEATURES:

- 8 channel mixer with mic & line inputs
- 4 balanced XLR mic inputs & low noise preamps
- 16 DSP multi-effects
- USB source input
- 3 band EQ's for each mono channel
- 2 band EQ's for stereo channels
- Balanced 1/4" stereo jacks & stereo channels
- Headphone output with dedicated volume control
- Stereo output for recording applications
- AUX & effects on all channels
- Built-in 48V phantom power
- Gain on all channels
- 5/CTN

Front



Rear



Color Box

SPY-774 USB Interface Mixer

Record and play with this 4-channel mixer with an analog and digital interface. This extremely versatile mixer is priced way below the competition to be within easy reach of the aspiring musician and studio artist.

FEATURES:

- 4 Channel Input
- 3 Band EQ
- Effects
- USB Interface
- Mic/Line Jack
- Headset Jack
- 10/CTN



PRO STUDIO MICROPHONE

SPY-028 Professional Studio Microphone



FEATURES:

Studio Broadcasting and Recording
Microphone Studio Set
Professional Studio Microphone
Pop Filter
Microphone Base
All cables Included
Phantom Power Interface, silver.
10/CTN

SPY-029 Professional Studio Microphone



FEATURES:

Studio Broadcasting and Recording
Microphone Studio Set
Professional Studio Microphone
Pop Filter
Microphone Base
All cables Included
Phantom Power Interface, gold
10/CTN

SPY-030 Professional UHF Microphone Set for Conferences



FEATURES:

RECEIVER:

- Range: UHF-657-660MHz
- Oscillation Mode: Quartz Cont Fixed Freq
- Switching Bandwidth: 24MHz
- Sensitivity: -105dB @ sinad=12dB
- S/N Ratio: >105 dB
- T.H.D: <0.5% @1 KHz
- Frequency Response: 50Hz ~ 18KHz \pm 1 dB

TRANSMITTER (HANDHELD)

- Table Top Microphone with Base
- Spurious emission: <40dB
- Battery: AA X 2
- Current drain: <100 mA
- 4/CTN

SPY-031 4-set UHF Microphones



FEATURES:

RECEIVER:

- Range: UHF-657-660MHz
- Oscillation Mode: Quartz Cont Fixed Freq
- Switching Bandwidth: 24MHz
- Sensitivity: -105dB @ sinad=12dB
- S/N Ratio: >105 dB
- T.H.D: <0.5% @1 KHz
- Frequency Response: 50Hz ~ 18KHz \pm 1 dB

TRANSMITTER (HANDHELD)

- Dual Microphones with PLL Circuitry
- 3- way position to choose clearest frequency
- Transmitter power: 30mW
- Spurious emission: <40dB
- Battery: AA X 2
- Current drain: <100 mA
- 4/CTN



UHF-4000 Professional Wireless Microphone System

RECEIVER

- Range: UHF-657-660MHz
- Oscillation Mode: Quartz Cont Fixed Freq
- Switching Bandwidth: 24MHz
- Sensitivity:-105dB @ sinad=12dB
- S/N Ratio: >105 dB
- T.H.D: <0.5% @1 KHz
- Frequency Response:
• 50Hz ~ 18KHz \pm 1 dB

TRANSMITTER (HANDHELD)

Dual Microphones with PLL Circuitry
3- way position to choose clearest frequency

- Transmitter power: 30mW
- Spurious emission: <40dB
- Battery: AA X 2
- Current drain: <100 mA
- 10/CTN



SPY-027 Professional Wireless Microphone - Dual Transmitter



FEATURES:

Dual Transmitter:

- Built-in Antenna,
- AA batteries Included

Receiver:

- Rechargeable Battery, Adjacent
- Channel Selectivity 50dB
- 20/CTN

SPY-026 Professional Wireless Microphone - Single



FEATURES:

Transmitter:

- Built-in Antenna,
- AA batteries Included

Receiver:

- Rechargeable Battery,
- Adjacent Channel Selectivity 50dB
- 20/CTN

SPY-020 Wired Headset/ Microphone Combo



FEATURES:

Perfect for small venues and tour guides.
50/CTN

SPY-021 Professional UHF Headset/Microphone Combo



FEATURES:

- Professional UHF Headset/
Microphone Combo
- Designed for Gym classes, Tour
Guides
- Water and Sweat resistant covers
- Multiple Microphone Windscreens
in different colors included
- Replacement Receivers and
Headsets Available
- 20/CTN



SPY-023 Headset Replacement for SPY-021



FEATURES:

- Headset Replacement for SPY-021
- 20/CTN

SPY-022 Receiver Replacement zfor SPY-021



FEATURES:

- Receiver Replacement for SPY-021
- 20/CTN

MC-224 Wired Microphone



FEATURES:

- High Strength Steel Mesh Housing
- Wide Frequency Response
- Zinc Alloy Die Cast Body
- Steel Ball Slide On/Off Switch
- 20 ft (6M) Shielded Cable
- Microphone Wall Holder
- Type Dynamic
- Polar pattern Cardioid
- Frequency response [Hz]50 - 1400
- Sensitivity [dBV/Pa] -50 (3.2mV/Pa)
- Rated impedance[Ω] 600
- Connector XLR gold plated pins
- Dimensions [mm] ø 54 (max) x 170
- Weight [g] 310
- 20/CTN

SPY-024 Wired Omnidirectional Microphone - Black Head



FEATURES:

- Wired Omnidirectional Microphone
- Black Head
- Polar Cardioid Pattern
- Frequency Response 100Hz~12KHz
- 6 Ft Cable
- 6.3mm to 3.5mm adapter included
- 50/CTN

SPY-025 Wired Omnidirectional Microphone - Silver Head



FEATURES:

- Wired Omnidirectional Microphone
- Silver Head
- Polar Cardioid Pattern
- Frequency Response 100Hz~12KHz
- 6 Ft Cable 6.3mm to 3.5mm adapter included
- 50/CTN



SPEAKER CONE

S-182000W

General Specifications

Nominal Diameter	18", 460 mm
Rated Impedance	8 Ohms
Peak Power (2)	4000 W
Musical RMS	2000 W
Sensitivity (3)	97 db
Frequency Range (4)	35-1000 Hz
Magnet Weight	125 oz
Voice Coil Diameter	4".100mm inside/outside (2)
Voice Coil	Aluminum
Surround Design	M - roll

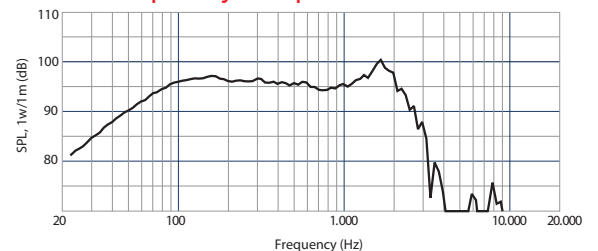
Thiele - Small Parameters

Resonance frequency	Fs	33 Hz
DC resistance	Re	5.0 ohm
Mechanical factor	Qms	8.3
Electrical factor	Qes	0.34
Total factor	Qts	0.33
BL Factor	BL	23.5 T · m
Effective Moving Mass	Mms	180 gr
Equivalent Cas air load	Vas	226 liters
Effective piston area	Sd	0.113
Max. linear excursion (mathematical)	Xmax	7.8
Voice - coil inductance @ 1KHz	Le1K	1.9
Half-space efficiency	Eff	2.30

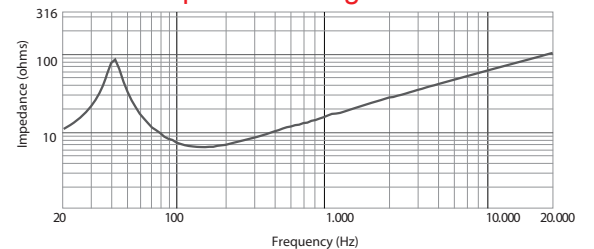
• 1/CTN



Frequency Response Curve



Free Air Impedance Magnitude Curve



S-15MB750 15" MID-BASS

General Specifications

Nominal Diameter	380/15 mm/inch
Rated Impedance	8 Ohms
Program Power	600 W
Peak Power	1200 W
Sensitivity	101 dB/1w/1m
Frequency Range	45-4300 Hz
Voice Coil Diameter	75/3 mm/inch
Voice Coil Material	Aluminum
Number of layer	2
Kind of layer	inside/outside
Overall Diameter	Φ386/Φ15.2 mm/inch
Bolt Circle Diameter	Φ370/Φ14.6 mm/inch
Bolt Hole Diameter	8-Φ6.5/8-Φ0.25 mm/inch
Mount Baffle Cut-out	352/13.8 mm/inch
Depth	168.5/6.63 mm/inch
Net Weight (1 unit)	8.3 kg

Thiele - Small Parameters

Resonance frequency	Fs	42 Hz
DC resistance	Re	5.6 ohm
Mechanical factor	Qms	8.6
Electrical factor	Qes	0.36
Total factor	Qts	0.35
BL Factor	BL	18.4 T · M
Effective Moving Mass	Mms	84.5 gr
Effective Cas air load	Vas	173 liters
Effective piston area	Sd	0.087 m2



• 1/CTN

S-12MB750 12" MID-BASS

General Specifications

Nominal Diameter	300/12	mm/inch
Rated Impedance	8	Ohms
Program Power	600	W
Peak Power	1200	W
Sensitivity	101	dB/1w/1m
Frequency Range	60-5000	Hz
Voice Coil Diameter	75/3	mm/inch
Voice Coil Material	Aluminum	
Number of layer	2	
Kind of layer	inside/outside	
Overall Diameter	Φ315/Φ12.4	mm/inch
Bolt Circle Diameter	Φ295/Φ11.7	mm/inch
Bolt Hole Diameter	8-Φ6.5/8-Φ0.26	mm/inch
Mount Baffle Cut-out	280/11.02	mm/inch
Depth	148.5/5.8	mm/inch
Net Weight (1 unit)	8	kg

Thiele - Small Parameters

Resonance frequency	Fs	53	Hz
DC resistance	Re	5.6	ohm
Mechanical factor	Qms	7.7	
Electrical factor	Qes	0.33	
Total factor	Qts	0.32	
BL Factor	BL	16.75	T · M
Effective Moving Mass	Mms	50.15	gr
Effective Cas air load	Vas	65	liters
Effective piston area	Sd	0.0511	m ²



• 1/CTN

COMPRESSION DRIVER

S-D309Ti Compression Driver

General Specifications

Nominal Impedance:	8 ohms
Power Capacity:	80 Watts RMS
Music Program:	160W
Peak:	320W
Sensitivity(1W/1M):	105dB
Diaphragm Material:	Titanium
Voice Coil Diameter:	3.00 in(75mm)

4/CTN

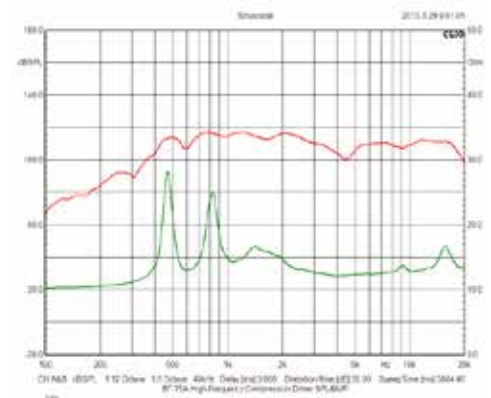


S-D246Ti Compression Driver

General Specifications

Throat Diameter:	1 in (25mm)
Mounting Type:	Screw on 1 3/8 "
Nominal Impedance:	8 Ohm
Power Capacity:	60 Watts RMS
Music Program:	120 W
Peak:	240 W
Sensitivity(1W/1M):	106dB
Frequency Range::	1.2KHz-20KHz
Diaphragm Material:	Titanium
Voice Coil Diameter:	1.75in(44.4mm)
Magnet:	Strontium Ferrite

6/CTN



S-D923Ti Compression Driver

General Specifications

Throat Diameter:	1 in (25mm)
Mounting Type:	Screw on 1 3/8"
Nominal Impedance:	8 Ohm
Power Capacity:	35Watts RMS
Music Program:	70W - Peak 140W
Sensitivity(1W/1M):	108Db
Frequency Range:	1.5KHz-20KHz
Diaphragm Material:	Titanium
Voice Coil Diameter:	1 in (25.4mm)
Voice Coil Material:	Round & Ribbon Aluminium Wire
Magnet:	Strontium Ferrite

12/CTN

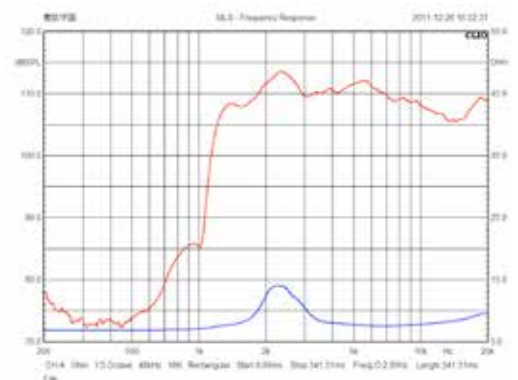


S-D922Ti Compression Driver

General Specifications

Material:	Engineering Plastic
Nominal Impedance:	8 Ohm
Power Capacity:	40 Watts RMS "
Sensitivity(1W/1M):	106dB)
Frequency Range:	1.5KHz-18KHz
Diaphragm Material:	Titanium
Voice Coil Diameter:	1 in(25.4mm)
Voice Coil Material	Round Copper or Aluminium Wire
Magnet:	Neodymium N-38

30/CTN



Recone Kits



FEATURES:

AVAILABLE FOR SPYN SPEAKER MODELS:

- KIT6200M - FOR S-6200M
 - S-12MB750KIT - FOR S-12MB750
 - S-15MB750KIT - FOR S-15MB750
 - S-182000 KIT - FOR S-182000
- 1/CTN

Titanium Diaphragm for Compression Drivers



FEATURES:

- KIT-D246Ti- FOR S-D246Ti
 - KIT-D309Ti- FOR S-D309Ti
 - KIT-D922Ti- FOR S-D922Ti
 - KIT-D923Ti- FOR S-D923Ti
- 1/CTN



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