

# ROLLS

PROFESSIONAL AUDIO PRODUCTS

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[www.rolls.com](http://www.rolls.com)

# MIXERS



## RM65b HexMix

- 6: XLR and 1/4" Inputs
- 1/4" Ins may be configured as Inserts
- Mono Send, Stereo Return FX Loop
- EACH CHANNEL FEATURES
  - Input Trim, Monitor and FX Send
  - Pan control
  - Treble and Bass control



## RM67 Mic/Line Mixer

- Three XLR balanced Mic/Line Inputs
- Tone controls on Mic Inputs
- Four stereo Source Inputs
- Individual Phantom Power switches
- Remote Volume jack
- Bass and Treble controls for Sources
- Master Volume control



## RM82 Mixer

- Eight XLR Mic Inputs
- Eight 1/4" jacks considerable as:
  - Line Input, Direct Out, or Insert
- Individual 48 Volt Phantom Power
- Trim control on each channel
- XLR Output configured as either Mic or Line level



## RM69 MixMate 3

- 2: XLR Mic Inputs w/Phantom Power
- 4: Stereo RCA Source Inputs
- Mic Tone Controls
- Mic Inserts for Effects Processing
- Bass and Treble controls for the Source Inputs
- Balanced XLR Outputs



## RM424 Switchable Four Zone Mixer

- 2: XLR Mic Inputs w/Phantom Power
- 3: RCA Source Inputs
- 4: XLR balanced Outputs
- Pluggable Remote Volume
- Switchable Automatic Talkover



## RM64 Four Zone Mixer

- 2: XLR Mic Inputs w/Phantom Power
- 4: RCA Source Inputs
- 4: XLR balanced Outputs
- 4: 1/4" Remote Volume jacks
- Switchable Automatic Talkover



# MIXERS

## RM85 Mic/Line 2 Zone Mixer



- Four XLR balanced inputs with +48 V phantom power
- Four stereo Source inputs, including a front panel 3.5mm input
- Master Output Level control for each channel
- Low noise, efficient operation
- All in a single rack space

## RM68 Zone Wolf 2 Zone Mixer



- 6: Assignable RCA Inputs
- 2: 1/4" TRS Stereo Outputs
- 3 XLR inputs w/Phantom Power
- Bass & Treble Control on each Zone
- Talkover on Mic 1 to Assigned Zone

## RM219 10 Ch. Line Mixer



- 9 Stereo Inputs, 1 XLR Mic Input
- RCA Tape Inputs and Outputs
- Balanced 1/4" TRS Stereo Outputs
- Aux Send and Stereo Returns
- Clip indication on each channel
- TRS Stereo Headphone Output
- Balance and Aux Send, on each channel

## RM316 Switchable Three Zone Mixer



- 3: XLR Mic Inputs w/Phantom Power
- 3: RCA Source Inputs
- 3: balanced Outputs
- Pluggable Remote Volume
- Switchable Automatic Talkover



## MX153 MixMate

- 2 XLR Mic Inputs with Phantom Power
- Tone controls for each Mic input
- Three stereo Source inputs



- Priority ducking on Mic One and Source three
- Mono/Stereo Unbalanced Output



## MX122 MiniMix Pro

- XLR Mic Input w/Trim control
- +12VDC Phantom Power
- 4: individual 1/4" Stereo Inputs
- Balanced 1/4" TRS Outputs



- Balance control on 1/4" channels
- Pan control on the Mic channel
- Headphone / Auxiliary Outputs

# SMALL MIXERS



The MX51s is ideal for small aerobics studios, clubs, or restaurants where up to three RCA source signals need to be mixed with a microphone.

## MX51s MiniMix II

- 1: XLR Mic input with phantom
- 1: 1/8" Input signals
- 3: RCA Input signals
- Four channels total
- Mono RCA Line-Level Output



The MX310 mixes three Mic Inputs to a single XLR output that is switchable from Mic or Line level. Phantom Power and Low-Cut filters for each channel. The MX310 is ideal for many applications; board rooms, class rooms, court rooms, or wherever compact and portable mixing is required.

## MX310 3 Ch Mic Mixer

- 12 VDC Phantom power
- 100Hz Low cut filters
- Balanced XLR output
- Mic or Line output level
- 1/8" Headphone Output
- Compact design



The MX41b is a passive stereo resistance mixer that will attenuate the volume of each channel to one output. Ideal for mixing hot line level signals. It will also work in reverse, passively distributing a single stereo signal to four stereo outputs.

## MX41b Stereo 4 Ch Mixer

- Mixes 4 Stereo signals
- Stereo Outputs
- Individual controls for each channel
- 1/4" and 1/8" TRS Jacks for inputs and outputs



The MX42 is a passive stereo resistance mixer that will attenuate the volume of each channel to one output. Ideal for mixing hot line level signals. It will also work in reverse, passively distributing a single stereo signal to four stereo outputs.

## MX42 Stereo 4 Ch Mixer

- Mixes 4 Stereo signals
- Stereo Outputs
- Individual controls for each channel
- RCA Jacks for inputs and outputs



The MX22s mixes an 1/8" line level signal with an RCA signal such as a cassette or CD player. This makes the MX22s perfect for small aerobics studios, schools, churches, etc...

## MX22s MiniMix

- 1/8" and RCA line level signals
- Dual RCA Stereo output
- Individual controls for each channel



The MX28 is for mixing up to three stereo line signals. Any keyboard player not wanting to carry around a bulky rack mixer will find the MX28 the perfect solution.

## MX28 MiniMix VI

- 3: Stereo 1/4" Stereo Inputs
- True Stereo 1/4" unbalanced Outputs
- Two Headphone Outs (1/4" and 3.5mm)
- Pan control for each channel



# EQUALIZERS



## RPQ160b 4 band parametric EQ

- Adjustable Hi/Low Shelving Filters
- XLR, 1/4" and RCA Inputs and Outputs
- +/- 12 dB boost/cut



## REQ313 31Band Graphic EQ

Recording and broadcast studios, sound contractors and musicians will all appreciate the low noise, straightforward design, and versatile signal control of the REQ313. The equalization filters in these units are a constant band width (constant Q).

- Constant Q Graphic Equalizers
- 31 band mono (REQ313)
- 1/4", XLR and RCA Inputs and Outputs
- Switchable slider range; 6 dB, or 12 dB

# CROSSOVERS



- 24 dB/Octave roll off
- Mono 2-Way crossover
- 50Hz - 2.5kHz range

Very often a need arises for a simple single input, two output crossover. Bass players, combo bands and small public address systems are just a few applications for the SX21.

## SX21 Two-Way Crossover



- 12 dB/Octave roll off
- Mono Sub Output
- 50Hz - 2.5kHz range

The SX45 is a unique stereo frequency dividing processor designed for install or sound reinforcement applications requiring stereo operation. It features all RCA inputs and outputs, and it's compact size allows for convenient mounting.

## SX45 Stereo Crossover



## SX95 Stereo Sub Crossover

The Rolls SX95 is a true stereo sub woofer crossover. It also features a mono or stereo selection switch to utilize the SX95 in mono. The SX95 features a true pass thru output that will allow proper connection to your system without any alterations to the original signal. The SX95 is a perfect way to separate low frequencies from line level program material in any system, home, professional or an installation. With a frequency range of 36Hz to 200Hz, and an external power supply for noise reduction the SX95 will allow you to have complete control of your subs.

- Mono or Stereo Operation
- Stereo RCA Input and Outputs
- Made In USA

# BATTERY POWERED MIXERS



- 4: XLR Inputs with 48V Phantom Power
- Transformer-balanced XLR Outputs
- 1/4" Stereo Monitor In and Aux. In
- 100 Hz Low Cut filters
- Back-up battery, Limiter, VU Meters
- Level and Pan controls
- Slate tone Mic., 1 kHz setup Tone
- Headphone Output

The MX422 Field Mixer is a four channel professional ENG microphone mixer designed and engineered with the audio professional in mind. Each channel features a low cut filter switch and 48 solid volts of phantom power. The MX422 is our top of the line Professional ENG/Field mixer. The discriminating sound professional will be pleased to have so many options and features in a high end mixer.

## MX422 FIELD MIXER



## MX 410 FIELD MIXER

- 4: XLR Inputs with Phantom Power
- Transformer-balanced XLR Outputs
- 1/8" Stereo Aux. In
- L C R (left-center-right) Selector Switch for each Channel
- Level controls
- Headphone Output

The MX410 Field Mixer is a four channel professional ENG microphone mixer designed and engineered with the audio professional in mind. Each channel features a Left Center Right switch and phantom power. The MX410 is the perfect field mixer when ease of use is a top priority, but you need all the features of a real ENG/Field mixer.



## MX34c LiveMix



- 2: Mic Inputs
- 18 VDC Phantom Power
- 3.5mm Stereo Output
- 3.5mm Stereo Headphone Output
- Auxiliary 3.5mm Input



## MX54s ProMix Plus



## MX124 ProMix IV

- EACH UNIT FEATURES:
- 18 VDC Phantom power
  - 100Hz Low cut filters
  - Transformer balanced, stereo XLR outputs
  - Screwdriver adjustable output level controls
  - 1/4" and 1/8" Headphone Outs
  - Handy shoulder strap mounts

Professional as well as home video enthusiasts often need a simple, mobile, yet high quality way to mix microphones into their camera. The MX54s with three Mic Ins, and the MX124 with four Mic Ins, provide that capability with clean, and quiet microphone preamps. Plus, the additional feature-set of Phantom Power, Low-Cut filters, and transformer isolation make these units ideal for the video application as well as; board rooms, class rooms, court rooms, or wherever compact and portable mixing is required.



- Stereo RCA Input
- XLR Mic Input
- 1/4" Mono Instrument/Line Input
- 1/8" (3.5mm) TRS Stereo Line Input
- Stereo RCA Outputs
- 9V Battery operation

### MX56c MiniMix A/V

Wherever you need to mix a microphone with a variety of stereo line signals, the MX56c is the ideal solution.



- 4: RCA and 1/8" TRS stereo inputs
- RCA and 1/8" TRS stereo outputs
- For line and instrument level signals
- Battery operation

The MX44 Pro is an active line mixer, perfect for mixing instruments or any other stereo line source to a stereo input expecting to see a +4 dB or line level input signal.

### MX44 Pro 4 Ch. Mixer

## SIGNAL PROCESSORS



- Converts headphone levels to balanced XLR or unbalanced RCA
- Stereo XLR to RCA and vice-versa
- May be used as a balanced line level control by connecting the RCAs together

The MB15b ProMatch converts unbalanced stereo consumer-level signals to balanced professional-level signals, and vice-versa. A stereo level potentiometer for each channel provides the ability to fine-tune the signal amounts.

### MB15b ProMatch Stereo Converter



- Paging Mic Preamp w/Level control
- +12 VDC Phantom Power
- Variable Sensitivity, Duck Depth, and Duck Release time
- Alternate Stereo RCA Input

The DU30b takes any program material present at the RCA Line Inputs, and "ducks" it under any signal present at the Mic Input. It's perfect for any small club or restaurant.

### DU30b Mic Preamp Audio Ducker



- 1/8" balanced, RCA unbal Ins / Outs
- Automatic dynamics processing
- Smooth, soft-knee compression

The SL33b automatically controls the levels of commercial / consumer audio signals. Since there is no audio level standard for consumer audio, the SL33b keeps the levels maintained for a more comfortable listening environment.

### SL33b Stereo Program Limiter



- RIAA Equalization
- RCA In/Out and 1/4" TRS Output
- AC adapter included

The VP29 is a simple yet integral part of the vintage home audio enthusiast. Its circuitry is designed not only to provide the RIAA equalization curve, but smooth and quiet operation.

### VP29 Phono Preamp



- Converts headphone levels to balanced XLR or unbalanced RCA
- Stereo XLR to RCA and vice-versa
- May be used as a balanced line level control by connecting the RCAs together

The HMB115 converts consumer level stereo RCA signals to balanced XLR professional line level, and back. One side of the unit, labeled 1, has two XLR inputs and stereo RCA outputs. The other side labeled 2, has stereo RCA inputs and two XLR outputs. Each side has stereo level controls.

### HMB115 Stereo Signal Converter



- XLR Mic and 1/4" Line Inputs
- +12 VDC Phantom Power
- Smooth, soft-knee compression and noise reduction
- Side Chain for detector circuit access

The CL151 is a unique compressor/limiter/gate in that it adds the benefit of a microphone preamp on the XLR input. The compression is very smooth, and the gate is a must for noise elimination.

### CL151 GLC Gate Compressor/Limiter



# DIRECT INTERFACES



ADB2 Active Direct Box

- Uses standard 12 to 48 Volts DC Phantom Power
- Ground Lift for "hum" reduction
- Attenuator switch for connection to line level or speaker level signals

The ADB2 is an active direct box with superior frequency response suitable for recording applications.



DB225 Professional Direct Box

- Ground Lift for "hum" reduction
- Attenuator Switch
- Male and Female XLR jacks
- Dual 1/4" jacks for signal pass-through

The DB225 takes a high impedance signal to low impedance via shielded transformer balancing. In a compact rugged steel chassis. Made in USA.



DB14b A/V Presenter

- Stereo Patch / Direct Box
- Stereo 1/8" RCA Inputs
- Transformer isolated XLR Output

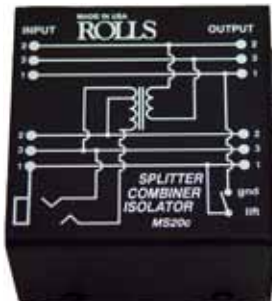
The DB14b is a specialty direct box that takes two individual RCA inputs, or a stereo 1/8" (3.5mm) input, and sends them to separate RCA output jacks, plus a transformer isolated, summed-to-mono XLR Output. Perfect for laptop audio/video presentations.



DB24 Stereo D/I

- Stereo or Mono Direct Box
- Stereo 1/8", Dual 1/4" and Dual RCA Inputs
- Transformer isolated XLR Outputs
- Variable Input Attenuation

The DB24 offers two channels of the popular Rolls direct interface circuitry - in one compact and rugged chassis.



MS20c Splitter/Combiner Isolator

- 4: XLR jacks; 2 female, 2 male
- 1: 1/8" (3.5mm) TRS jack
- Ground Lift switch
- Isolation transformer

The MS20c is a multi-purpose splitter/combiner and signal isolation box. The unit isolates signal paths reducing buzz and hum, providing clean signal splitting or combining.



DB25b Direct Box

- Ground Lift for "hum" reduction
- Attenuator control
- Dual 1/4" jacks for signal pass-through

The DB25b takes a high impedance signal to low impedance via shielded transformer balancing.



HE18 Buzz Off

- Eliminates ground loop buzz and hum
- Converts unbalanced signals to balanced
- Requires no power
- 1/4" and RCA Ins and Outs

The HE18 is a simple, passive device used to isolate signal paths and help eliminate ground loop problems from audio systems.



ILC19 In Line Level Control

- The ILC19 is an in-line level control for XLR balanced signals.
- The ILC19 can be used with a MIC or LINE level balanced signals.
- Balanced XLR Input and Output
- Small compact size





### DB227 Podcast-Pro

- Mixes one XLR microphone and a source signal to a single XLR microphone level output
- Passive unit does not require a power source so it can be used anywhere
- Switchable mixing for quick operation
- Single source level control for proper attenuation of the source inputs



### DB325 Instrument FET Preamp DI

- Mono 1/4" Input with level control.
- 3.5mm (Stereo) and 1/4" (MONO) outputs.
- XLR Balanced output.
- 9V Battery or Included AC adapter operation.
- Class A Design no feedback.



### CPB7 Smart Phone Break Out box

- The CPB7 is a smart phone breakout box. It allows you to connect various inputs and outputs to your smart phone.
- The CPB7 is completely passive, requires no power.
- Smart Phone cable included.



### PI9 Phone-Patch II

- 2 standard RJ11 telephone jacks
- Transformer isolation
- Dual RCA, and an 1/8" (3.5mm)

The PI9 is for recording or broadcast of telephone conversations. The PI9 does not work with phone systems only a POTS line (plain old telephone system).



### DB228 Wall Direct Interface

The DB228 Wall Direct Interface is an ideal impedance matching device for connecting any unbalanced stereo signal to a balanced system. Consumer audio equipment such as CD players, DVD players, MP3 players, phone, etc., may be easily connected to a professional audio system. In addition it will mix a microphone with a line level signal and send it out via a plugable barrier strip connector.



### DB226 Stereo Line to Balanced Mono Converter

- Small adapter with an all metal chassis. Designed to convert a stereo line level signal to a balanced mono output. The DB226 can also convert a balanced mono input to a mono RCA output.



### HDC39 HDMI Converter

This versatile unit will take an HDMI input, and convert it to Stereo left and right RCA's, convert HDMI to SPDIF in 5.1.



### HR261 Stereo Sonic Exciter

The HR261 is a stereo sonic exciter, designed for professional audio, sound studio applications or even home use. If you need to enhance your sound quality this is the unit to get. It is hard to believe such a small box can enhance audio signals so much. You just have to hear it to believe it.

# HEADPHONE AMPLIFIERS



## RA102 10-Channel Headphone Amplifier

- 10 channels of clean, quiet headphone amplification
- XLR, RCA stereo inputs
- 1/4" headphone outputs on the back panel of the RA102



## RA62c 6-Channel Headphone Amplifier

- 6 channels of clean, quiet headphone amplification
- Individual direct inputs to mix a separate stereo signal with the main input signal
- 1/4" and 3.5mm headphone outs



The RA53b is a high powered headphone amplifier with five 1/4" and 1/8" (3.5mm) headphone and earphone outs.



## RA53b 5-Channel Headphone Amplifier

- 5 1/4" and 3.5mm Outputs
- TRS Inserts on three channels
- Link I/O for connecting two RA53b units



## HA243 Studio 4-Ch Headphone Amplifier

- A-B switch for each channel
- Four individual stereo channels
- Individual Level controls
- 1/4" and 1/8" (3.5 mm) TRS Outputs



## HA43 Pro 4-Channel Headphone Amplifier

By far one of our most popular products, the HA43 Pro is the perfect headphone expansion solution for the small studio. It fits the applications where a stereo line-level or headphone level output needs to drive four headphones.

- 1/4" and RCA Stereo Inputs
- Four individual stereo channels
- Individual Level controls
- PS27s Power Supply included
- 1/4" and 1/8" (3.5 mm) TRS Outputs



## HA204p 4-Channel Headphone Amplifier

- 1/8" (3.5mm) TRS Input
- RCA Stereo Inputs
- 1/8" (3.5mm) TRS Outputs
- Individual Level controls
- 9V Battery powered or (Rolls PS27s included)

The HA204p was designed for expansion of 1/8" (3.5mm) headphone outputs such as; MP3 players, CD players, laptop computers, electronic gaming units etc..



## HV6 Headphone Volume Attenuator

- The HV6 is not a headphone amp it is a passive headphone volume attenuator
- Plug your headphone level signal into the HV6 and you can attenuate the volume of your headphones with the HV6
- 1/4" and Stereo XLR input (special XLR to 1/4" cable is included)



# AMPLIFIERS



## RA200 Power Amplifier

- 100 Watts RMS per output (4 Ohm)
- 85 Watts RMS per output (8 Ohm)
- 200 Watts RMS bridged (8 Ohms)
- 1 Second turn-on delay

The RA200 and RA235 are ideal reference amps for the small or medium sized recording studio. They feature full frequency response outputs for rich sound reproduction.



## RA235 Power Amplifier

- 35 Watts per output (8 Ohms only)
- 1/4" and RCA inputs
- Spring-loaded output terminals
- Front-panel heat sinking



## RA2100b 70 Volt Power Amplifier

- 100 Watts per output (4 Ohm)
- 85 Watts RMS per output (8 Ohm)
- 200 Watts RMS bridged into 70V
- 1 Second turn-on delay

Rolls 70 Volt install amplifiers are built to last. They feature fault protected output stages, 1/4" and RCA inputs, and neither require a transformer to connect directly to 70 volt speakers.



## RA170 70 Volt Amplifier

- 70 Watts of clean amplification into 70V system
- Spring-loaded output terminals
- Front-panel heat sinking



## PA202 Mini Power Amp

- Screw Terminal and RCA inputs
- Class D Design - Protected output stage
- Bridgeable
- 20 Watts Stereo/40 Watts Bridge
- Screw Terminal Outputs

Built in limiter, small chassis size and almost no heat generated make the PA202 a great small amp for tight installations. Laptop type IEC power adapter is included with the PA202.

# MIXER / AMPLIFIERS

## MA2152

- MA2152: 100 Watts RMS/Ch. 4 Ohms - 70 Watts RMS/ch. 8 Ohms
- Bridged - 200 Watts 8 Ohms / 70 V



- EACH MIXER FEATURES:
- 3 Stereo RCA Source Inputs
  - Front panel 1/8" (3.5mm) Input
  - 2 XLR balanced Mic Inputs
  - +12 VDC Phantom Power
  - Paging priority on one Mic input
  - Jukebox priority on one Source input
  - Mono/Stereo Operation (Except the MA1705; Mono 70V only)
  - Bass and Treble controls
  - Tone controls for the Mic Inputs

## MA2355

- MA2355: 35 Watts stereo (8 Ohms)



## MA1705

- MA1705: 70 Volt / 70 Watt







**MA252 Mixer/  
Power Amp**  
20+20 watt

- 3 Line Inputs (2 Stereo RCA inputs) and (1 3.5mm stereo input)
- XLR Mic input with Phantom Power
- Class D Design - Protected output stage
- Push Terminal Speaker Outputs

The new MA Half Rack Series is a compact class D stereo amplifier with a 4 CH. stereo mixer built in. They have 20 watts per channel @ 4 Ohms. The class D low heat design gives them the ability to be mounted in very tight applications. They will work great in ceilings by projectors, or a anywhere small and heat free amplification is required. Designed in an all metal chassis each weighs 1 pound. Overall dimension are 6.75" X 3.5" X 1.5". All come with an included 24 Volt external power supply.



**MA255 Mixer/  
Power Amp**  
20+20 watt

- 4 Stereo RCA inputs and 1: 3.5mm stereo input (parallel to CH4)
- Class D Design - Protected output stage
- Push Terminal Speaker Outputs



**PA71 MicroMix**

A single microphone preamp and built-in small amplifier is often the ideal solution for the small board room or classroom.

- XLR Mic and RCA Line Inputs
- 12 VDC Phantom Power for Mic
- 1/4" Line/Power Output
- Up to 7 Watt output power

## POWERED SPEAKER MONITOR



**HR155 Rack  
Mount Speaker  
Monitor**

- Line Level XLR and RCA Inputs
- Included Power Supply
- 1/8" Stereo Input On Front
- All Metal Steel Chassis

The HR155 Rack Mount Monitor is ideal for speaker monitoring anywhere space is limited. The all metal chassis of the HR155 will insure years of reliable use. The internal amplifier is designed to dissipate heat with in the chassis of the HR155, so no outside cooling is required (i.e. it can be mounted into a rack with units above and below it).

# SIGNAL SOURCES



- Retains presets when lose of power or off
- Large LCD digital display
- Auto search up and down
- RDS Data Compatible
- Standard 1U space EIA rack chassis
- Headphone, XLR, and RCA Outs
- Remote control included

The RS81B is a Phase Lock Loop digital AM/FM Tuner designed and built for professional applications such as remote radio station trucks and repeaters, church and school installations, as well as night clubs and restaurants.

RS81B AM/FM  
Quartz Digital  
PLL Synthesized



## HR78X AM/FM Digital Tuner with XLR outputs

- Retains presets when power is off.
- 20 presets, 10 FM and 10 AM.
- Large LCD digital display.
- Output Level control.
- Auto search up and down.
- XLR and 1/8" (3.5 mm) Outputs.
- FM stereo or mono operation.

The ROLLS HR78X is a PLL synthesized digital AM/FM tuner in a feature-packed half-rack chassis. The unit is ideal for replacing analog tuners, and where a small digital tuner is desired. The unit ships with FM and AM antennas, and the 1/8" output has sufficient levels to drive a pair of headphones. Up to two HR78X units may be rack mounted in a single standard 1U rack space, the Rolls URT5 (Universal Rack Tray), or the RMS270 Rack Module System.

HRS84 FM  
Digital Tuner

- Tuning Range: 87.5 - 108 MHz
- Output Level control
- XLR and RCA Outputs
- FM stereo or mono operation

The HRS84 is a digital FM tuner. It features professional line level XLR outputs. A dedicated headphone output on the front of the unit. Operates in Mono or Stereo. Up to two HRS84's can be rack mounted in a single standard 1U rack space, the Rolls URT5 (Universal Rack Tray), or the RMS270 Rack Module System.





**HR72 CD/MP3/SD/MMC/USB Player**



**HR72X CD MP3 Player with XLR outputs**

The HR72 and HR72X are 1/2 rack space CD/MP3/USB/SD/MMC Player. The unit may stand alone as the HR72, or be installed into the Rolls RMS270 Rack System with either another HR72, an HR78 AM/FM Tuner or an HR73 MP3 Recorder.



**HR70 FM Digital Transmitter**

- Simple way to broadcast signals over FM
- Clean simple design
- All metal chassis
- Included DC power supply

The HR70 is a digital FM transmitter. Send a signal to the XLR or RCA inputs of the HR70. Select what frequency you would like to broadcast those signals on ~87.5 to 108 MHz~ and you are now sending signals via FM radio. The HR70 also has a talk over circuit built in.



**HR31 BRACKETS** for rackmounting all HR series units. Sold Separately.

**HR73 MP3 Recorder**

- Digital Record to MP3 compression
- 128 Kbps, 44.1 kHz CD quality audio
- SD Card slot
- Stereo RCA Outputs

The ROLLS HR73 is a half-rack space digital MP3 Recorder / Player. The unit is ideal for installations where quick and easy recording is required. The MP3 format, SD card slot, and USB connection make the HR73 a powerful tool for audio transfer to a computer.

# PERSONAL MONITORS



Mix your microphone with a main monitor for a perfect mix that you control. The PM50s has a stereo or mono line level monitor input that can be mixed exactly to the required level with your mic. The mic signal is not altered at all in the pass through of the PM50s. You now can have your own truly personal monitor mix at your finger tips.

## PM50s Personal Monitor Amplifier

- 1/4" input accepts stereo line levels
- Mic pass-through for mixer connection, hard-wired to pass phantom power
- Included Rolls PS27s AC adapter.
- 1/4" and 1/8" headphone outputs



The PM55P With built in Optical Limiter is designed for performers who need to monitor their own signal, such as their vocal, with the main mix. Operates on either one 9 volt battery or the included PS27s power supply. The PM55P also has an included belt clip.

## PM55P Personal Monitor Amplifier+

- Built in switchable Optical Limiter
- XLR Mic In & Pass Through
- 3.5mm and 1/4" Headphone outputs
- Powered by one 9 volt battery or the included PS27s power supply
- Mic pass-through for mixer connection, hard-wired to pass phantom power



The PM351 is the ultimate personal monitor problem solver. It's designed for the musician needing to mix an instrument with their microphone and the main monitor mix.

## PM351 Personal Monitor System

- 1/4" TRS ster/mon Monitor Input
- XLR Mic Input w/pass-through
- 1/4" TRS stereo Instrument Input
- All mix to 1/4" and 1/8" Outs
- Individual Level controls
- Stereo balanced Instrument DI Outs



The PS16 will power and supply signal to up to four of the PM50s, PM55, or PM351 units directly, and with the optional "Y" adapter up to eight. The power is provided on the ring of the jack. The PM series units must operate in mono.

## PS16 Monitor Power Center



## YS19 Stereo "Y" Adapter

The YS16 is a "Y" adapter that is mentioned in the PS16 description to connect up to eight PM series units to one PS16.



The PM52 allows connection directly to a powered line making it perfect for anyone wanting to replace a wedge monitor with headphones.

## PM52 Head- phone Tap

- Converts speaker level signals to headphone level.
- Mono/Stereo mode
- Power Amp loop through
- No external power or batteries required.

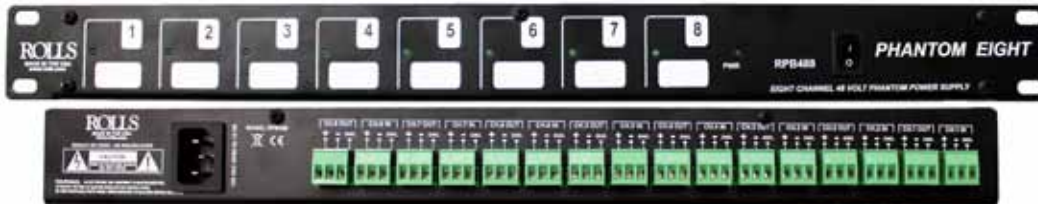


# PHANTOM POWER SUPPLIES



## RPB486 Phantom Hex

- Powers six condenser microphones
- 48 Volts of clean phantom power
- XLR Inputs and Outputs
- Pull-down resistors and capacitors for DC isolation



## RPB488 Phantom Eight

- Powers Eight condenser microphones
- 48 Volts of clean phantom power
- 3 Pin Pluggable barrier connectors
- Pull-down resistors and capacitors for DC isolation



The Rolls PB series of phantom power adapters each supply +48 volts of clean DC power to your favorite condenser microphones. They utilize a proprietary high frequency power supply to greatly reduce noise and ensure voltage stability.

## PB23 Mic Power I

- Powers a single microphone
- Small compact design
- Utilize switching regulators for stable voltage performance
- +48 volt phantom power



The PB223 has the same design as the PB23 just with 2 channels. As with most of the Rolls products, the power supply is included with the unit.

## PB223 Mic Power II

- Powers two microphones
- Utilize switching regulators for stable voltage performance
- +48 volt phantom power



The PB224 is the same unit as the PB223 but the PB224 will operate on 9 volt batteries, as well as the included PS27s power supply.

## PB224 Mic Power IIb

- Powers two microphones
- Operates on two 9V batteries
- Utilize switching regulators for stable voltage performance
- +48 volt phantom power

# DISTRIBUTION AMPLIFIERS



**RA163 Distribution Amplifier**

- 8 Total outputs with level controls
- XLR balanced Inputs and Outputs

The RA163 and RA63s are line level amplifiers designed to distribute eight mono or four stereo high-level balanced lines throughout a sound distribution system.



**RA63b Distribution Amplifier**

- 8 balanced outputs with level controls
- Strong output for driving 600 Ohm loads
- Screw terminal Inputs and Outputs



**DA134 RCA Distribution Amplifier**

- 4 Total stereo outputs with level controls
- RCA and 1/8" Inputs
- RCA stereo outputs

Designed for high end RCA audio distribution the DA134 is a four channel distribution amplifier. RCA and 1/8" inputs that can be switched from mono or stereo. The DA134 will distribute a mono signal to eight outputs, or a stereo signal to four stereo outputs.

## ROOM DELAY



- Balanced XLR input and output
- Level control to make up or add gain
- Mounting designed to fit Rolls RMS270 rack tray, HR31 rack ears

The Rolls HRD342 is intended for low cost, simple, time alignment of speakers in larger rooms or outdoors. The delay dial is shown in milli seconds to make setup easy. The 32 to 360 ms shown on the dial will correlate to about the same in feet (32 ms = 32 ft). The Rolls HRD342 is inserted between the main console output and the amplifiers supplying the delayed speaker signal.

**HRD342 Digital Room/Speaker Delay**





## SS412 Audio Source Selector

- IN Connectors: 4 - RCA, 1 - 1/8" TRS Stereo
- OUT Connectors: RCA
- Size: 5.5" w x 3.1" d x 1.6" h

Four pairs of RCA inputs allow for connection to all your sources, and one pair of RCA jacks to go to your amplifier. Connection of the SS412 is easy. The rear panel 1-4 RCA's connect your input source signals. The OUT RCA on the rear panel goes to your amplifier or other device. Volume knob sets the level



The SS32 is a passive stereo or mono signal switching device designed to route a single signal to three outputs one at a time, or three input signals to a single output. All Contacts are make before break.

## SS32 MINI ROUTE SIGNAL SWITCH

- Common Jacks: 1/8" Tip-Ring-Sleeve jack and RCA for input/output and pass-through connections.
- A,B,C Jacks: Three 1/8" Tip-Ring-Sleeve jacks and RCA for input/output connections.
- A,B,C Selector: Switches A,B,C jacks to the Common jack(s) one at a time.



The MO2020 provides a compact way to get a line-level test signal into any audio device. Full audio frequency range in both sine and square wave outputs are available.

## MO2020 Test Oscillator

- 1/4" sine and square wave outputs
- 10 dB Pad for calibration
- 20 Hz to 20 kHz range



The ABC904 is a stereo switching device that will switch up to three signals (A,B,C) to one output. The ABC904 is made from very thick powder coated steel that will last in any application. The switches are very high quality.

## ABC904 SIGNAL SWITCH

- Common Jacks: Two 1/4" Tip-Ring-Sleeve jacks
- A,B,C Jacks: Three 1/4" Tip-Ring-Sleeve jacks
- A,B,C Switches: Mechanical latching switches



SB126 Starting buzzer/tone generator was designed to generate a tone to start sporting events or anywhere a 600 Hz tone is needed. When the switch is depressed the LED will light and a tone will be sent out to both the 1/4" and XLR jacks for the duration of time the button is pressed.

## SB126 Starting buzzer

- 1/4" MONO line level jack for connection to a PA system or power amp.
- XLR MIC level output jack for connection to a balanced microphone input of a mixer or PA system.
- Switch for activating the tone/ signal.
- 9V external battery compartment.



## GS76R Game Show

- Uses 8 total remote buttons
- First contestant to "ring-in" blocks out other contestants
- Uses standard telephone cords
- JOIN jack for connecting two units together, with optional join cable

# MIC SWITCHES AND PREAMPS



The MS111 is a mic mute with a latching button. Connect one end to your mic, the other to your mixer, and when you need an active mic press the button in and you are live. The MS111 has a second switch for mute or active of the mic. One setting the mic is live when in, and the other the mic is off when in.

## MS111 MicSwitch

- Latching Mute Switching of balanced XLR signals
- Passive; requires no power



The MM11 Pro is a mic mute with a momentary button that can be activated by hand or with your foot. Like the standard MM11, but with a switch to make the MM11 Pro “push to talk” or “push to mute”

## MM11 PRO MIC MUTE

- Switch for configuring - Push to talk or Push to mute
- Momentarily mutes a balanced XLR signal
- Passive; requires no power



The MP13 is the ideal single-mic board room solution. Wherever you need one mic preamp with clean phantom power, and a crisp full frequency sound, the MP13 fits in.

## MP13 Mini Mic Preamp

- XLR and 1/8" Ins
- XLR and 1/4" Outs
- +24 VDC Phantom Power
- Clip Indication
- AC Adapter included



- Dual Output for connection to computer input
- Mic or Line Balanced XLR outputs

## MP222 Studio Pro

- XLR Mic Input On Front and Back
- +48VDC Phantom Power
- Pad, Level, Phase and Low Cut For each channel

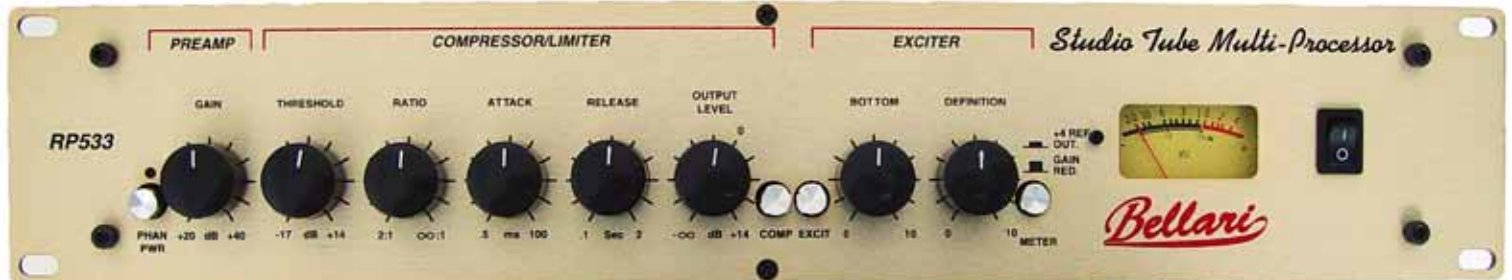




Our most popular tube mic preamp. It has been included on several album credits and is present in most major studios in LA, Nashville, and New York. It has the smooth yet punchy characteristics that drive vocal tracks to the front, warm up any digital mix, and yields up to 6 dB more gain before feedback for the live user. The pristine sound is achieved by running the tubes at a high 250 volt plate voltage.

### RP520 Tube Microphone Preamp

- 30 dB Input and Output Padding
- Smooth, warm sound
- XLR and 1/4 Inputs and Outputs
- +48 Volt Phantom Power
- Phase Reversal
- RP520 features VU meters



The RP533 uses all the powerful circuitry included in other popular Bellari rack-mounts, in a single channel unit. Each process, except the preamp, can be individually bypassed. The RP533 is ideal for vocals, instruments, or any application where signal pre amplification and dynamics processing is required, all with warm and inviting sounds.

### RP533 Tube Multi-Processor

- TUBE: Mic Preamp / Compressor / Sonic Exciter
- Transformer balanced input
- 1/4" and XLR inputs and outputs
- +48 Volt Phantom Power
- Side Chain for direct access to the compressor's detector



The MP507 is a single channel preamp that utilizes a single 12ax7 vacuum tube. It has a MU-Metal audio transformer to decrease noise and enhance the sound quality of the XLR input. The design of the MP507 utilizes a high speed self regulated switching power supply to generate 230V of clean usable plate voltage for the 12ax7 vacuum tube. The result is a clean and powerful sounding tube preamp.

### MP507 Tube Mic Preamp

- Real 230V tube plate voltage
- Internal high speed self regulating switching power supply
- MU metal shielded input audio transformer
- 48V of clean, quiet phantom power



Houses any combination of:

- HR78X AM/FM Tuner
- HR72 or HR72X CD / MP3 Player
- HR155
- MX153
- MP322
- HRS84
- HR70
- HR74



**Optional HR271 Panel** for covering one side of the RMS270 Rack Tray.

### RMS270 HR Series Rack Tray



### HR260 half rack tray

The HR260 rack tray is designed to securely hold Rolls products so they can be mounted in a single half rack space. The HR260 is designed to house the HR72, HR73, HR74, HR78, MX153 or HR155. It can potentially hold other products but you will need to drill mounting holes in the HR260 or the product you intend to mount in the HR260.



### MSC106 Mic Stand Clamp

- For mounting small Rolls products onto a microphone stand
- Finger-tighten screw
- 12-Gauge steel



### BC17 Belt Clip

The BC17 attaches to the back of a PM50s, PM55, or PM351 to provide mobile use of those units.



**HR31 BRACKETS** for rackmounting all HR series units. Sold Separately.





- 6 total grounded AC outlets
- Surge Protector
- 6 foot cord



- Eliminates taking up more than one power strip outlet when using a "wall-wart" power supply

OS10 Outlet Strip / Surge Protector

PC3 Power Cord / Wall-wart adapter



Cone: Mylar  
Magnet: Cobalt  
Impedance: 32 Ohms  
Freq. Response: 50Hz - 20kHz  
Plug: 3.5mm



The MU118 is a Digital Multi meter with Frequency Measurement function and a Temperature Measurement function.

EB77 Stereo Earbuds

MU118 Digital Multimeter



The WP37 is a single remote volume control wall plate. It is for use with the Rolls RM64, MA66 and RM67.



- The WS38 is a switch control wall plate.
- Single pull double throw - Switch
- Screw terminals for wire connections.

WP37 Wall Plate/Volume

WS38 Wall Plate/switch

XLF112 Female

XLR to screw terminal adapter



- Adapts XLR connectors to screw terminals
- For convenient install adaptations

XLM113 Male

XLR to screw terminal adapter



## POWER ADAPTERS

### 120V ADAPTERS



PS27s  
- PS27s: 15VDC, 300 mA



PS12  
- PS12: 12VAC, 800 mA



PS15  
- PS15: 15VDC, 800 mA



PS24  
- PS24: 24VDC, 2A

### 220V ADAPTERS



PS27sE



PS12E

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