

# ROLLS

Professional Audio Electronics

**MIXERS**

**AMPLIFIERS**

**INTERFACE DEVICES**

**SIGNAL PROCESSORS**

**PHANTOM POWER SUPPLIES**

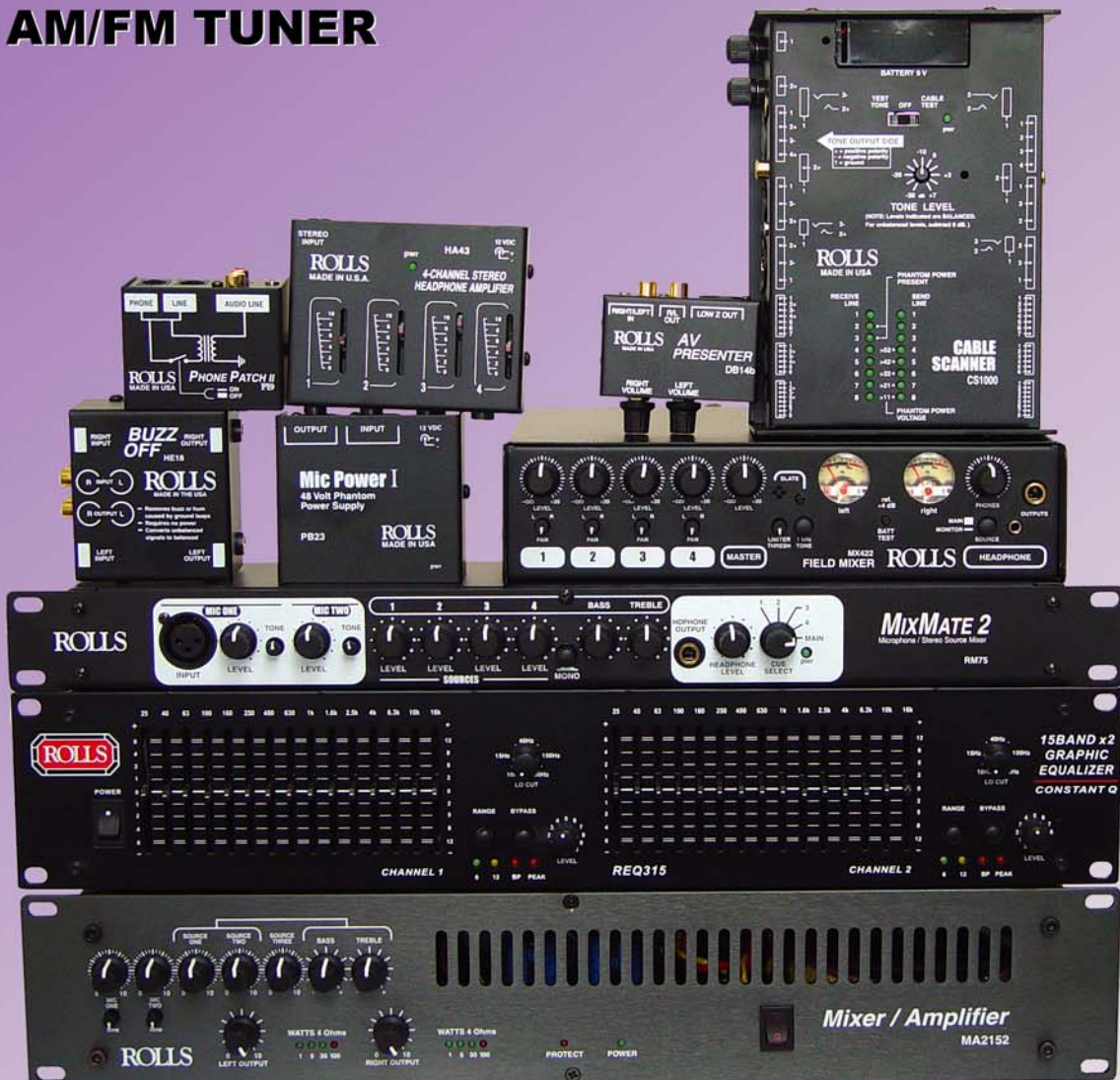
**PERSONAL MONITORS**

**MIXER / AMPLIFIERS**

**HEADPHONE AMPS**

**TESTING DEVICES**

**AM/FM TUNER**



# MIXERS



**RM65b HexMix**

The RM65b, one of our most popular products, is a rack-mount mixer with a console-type mixer design in mind. Each channel has a Monitor Send, FX Send, Bass and Treble controls, and a Volume slider. Each XLR input has a trim control on the rear panel. The RM65b is ideal for small clubs, or small performing groups needing portability and high sound quality.

- 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**

The RM67 mixes three microphones with up to four stereo source signals. Hundreds of restaurants, schools, churches, and DJ booths are equipped with an RM67. It has the durability, reliability, and price/performance specifications that entitle the RM67 worldclass attention in the world of smaller sound reinforcement applications.

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



**RM70 Mic/Line Selector**

The RM70, like the RM67, is used for applications like aerobics studios, schools, churches, etc. in that it mixes three microphones with stereo line sources like CD players and cassette players. However, the RM70 has a Selector switch to select between the four RCA source inputs preventing unwanted signals from the other sources to be heard. The RM70 has additional features such as a Music On Hold output, and priority ducking for paging and jukebox use.

- Three XLR balanced Mic/Line Ins
- Tone controls on Mic Inputs
- Four stereo Source Inputs
- Individual Phantom Power switches
- Mic/Line Switches
- Clip indicators in Mic channels
- Bass and Treble controls for Sources
- Music-On-Hold Output



**RM82 Mixer**

The RM82 mixes eight XLR or 1/4" Mic or Line signals to a mono balanced XLR output. The unit provides 48 volts of solid, clean phantom power, it has front panel Trim controls for more precise control over the microphone input levels, and it adds the ability to configure each 1/4" Input as either an Insert or Direct Output.

- Eight XLR Mic Input
- Eight 1/4" jacks configurable as:
  - Line Input, Direct Out, or Insert
- Individual 48 Volt Phantom Power
- Tone control on each channel
- Trim control on each channel
- Aux/Buss input for cascading
- Record Output
- XLR Output; configurable as either Mic or Line level



**RM64 Four Zone Mixer**

The RM64 Four Zone Mixer combines two paging microphones with up to four line level source inputs. Each input is switch-selected to send the channel's signal to any combination of the four zone outputs. The Microphone inputs feature automatic ducking for easy paging. The unit is the ideal solution for banquet rooms, offices, restaurant/night clubs, etc.

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



**RM68 Zone Wolf Mixer**

The RM68 is designed to mix up to three microphones with three stereo sources and send them in any combination to two separate stereo zones. Its versatile inputs and outputs as well as commercial grade design make it an important problem solver in many audio situations such as restaurants, churches, schools, etc. It offers stereo or mono operation.

- 6: Assignable RCA Ins
- 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

# MIXERS



**RM75 MixMate II**

The RM75 MixMate II is an ideal single rack space DJ/Karaoke mixer. The unit combines two microphones with four source inputs. Mic One has input jacks available on both the front and rear panel. +12 Volts of Phantom Power is supplied for your favorite condenser microphones. The Headphone Output, Level control, and Cue Select switch are conveniently located on the front panel for easy access.

- 2: XLR Mic Inputs w/Phantom Pwr
- 4: Stereo RCA Source Input
- Mic Tone Controls
- Mic Inserts for Effects Processing
- Bass and Treble controls for the Source Inputs
- Balanced 1/4" TRS Stereo Outputs



**RM203x 10 Ch. Line Mixer**

The RM203x is a line-level mixer with a single microphone input, and nine channels of stereo inputs. A tape input and output have also been provided via stereo RCA jacks, along with a mono auxiliary send and stereo returns. Perfect for mixing several keyboards or sound module outputs, the RM203 maintains the stereo image throughout, and has excellent signal to noise performance.

- 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, each channel



**MX422 FIELD MIXER**

The new 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.

- 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/Earphone Outputs
- Canvas case included



**MX152 MixMate**

The MX152 is a one-half rack space, two microphone and three stereo source mixer. The unit provides a compact and efficient way to mix sources such as AM/FM tuners, CD players, and video players with dynamic or condenser microphones. Applications include background music and paging for small clubs, churches, schools, restaurants, etc.

- 2 Mic Ins with Phantom Power
- Tone controls for each Mic input
- Three stereo Source inputs
- Bass and Treble controls on Sources One and Two
- Priority ducking on Mic One and Source Three
- Mono/Stereo Unbalanced Output



**MX122 MiniMix Pro**

The MX122 MiniMix Pro is ideal for submixing keyboards and sound modules with a single microphone, saving precious channels on a main mixer. And with 1/4" TRS balanced outputs, the MX122 may be connected directly to a snake eliminating the need for a direct box.

- 1: XLR Mic In 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



**MX34 LiveMix**

The new MX34 is a two channel microphone mixer with balanced XLR inputs, phantom power, and stereo 3.5mm outputs. It has a stereo 3.5mm Auxiliary input for connection to any stereo line-level source such as an AM/FM tuner, CD player etc. Each channel has a Level and Pan control, and a separate headphone circuit allows for monitoring all signals without effecting the main output signal.

- 2: Mic Inputs
- + 18VDC Phantom Power
- 3.5mm Stereo Output
- 3.5mm Stereo Headphone Output
- Pan control on each channel
- Auxiliary 3.5mm Input

# MIXERS cont.



**MX22 MiniMix**

- 1/4" and RCA line level signals
- Dual RCA mono output
- Individual controls for each channel

The MX22 mixes a 1/4" line-level signal such as a wireless microphone, with an RCA signal such as a cassette or CD player. This makes the MX22 perfect for small aerobics studios, schools, churches, etc.



**MX51 MiniMix II**

- 2: 1/4" Input signals
- 3: RCA Input signals
- Four channels total
- Mono RCA Line-Level Output

Like the MX22, the MX51 is ideal for small aerobics studios, clubs, or restaurants where up to three RCA source signals need to be mixed with a couple of 1/4" line signals such as wireless microphones.



**MX44 MiniMix IV**

- 4: 1/4" unbalanced inputs
- 1/4" unbalanced output
- For line and instrument level signals
- Battery included

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



**MX56s Playmate**

- 2: 1/4" Instrument or line signals
- 1: XLR Mic signal
- 1: Stereo RCA signal
- Stereo RCA Outputs
- 1/4" TS unbalanced line Output
- 1/4" TRS Stereo Headphone Out

Wherever you need to mix a microphone with a stereo source signal and a couple of instruments or unbalanced line signals, the MX56s is the ideal solution.



**MX41s Stereo 4 Ch Mixer**



**MX42 Stereo 4 Ch Mixer**

- 4: Stereo signals
- MX41s: 1/4" TRS, MX42: RCA
- Stereo Outputs
- MX41s: 1/4" TRS, MX42: RCA
- Individual controls for each channel

The MX41s and MX42 are passive stereo resistance mixers. They are ideal for mixing hot line level signals. They will also work in reverse, combining up to four stereo line signals to a single stereo output.



**MX28 MiniMix VI**

- 3: Stereo 1/4" Stereo Inputs
- True stereo 1/4" unbalanced Outputs
- Two Headphone Outs (1/4" and 3.5mm)
- Balance control

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



**MX54s ProMix Plus**



**MX124 ProMix IV**

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.

**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



**GCi404 Audio Mixer / Sound Card Interface**

The GCi404 Audio - Computer sound card Interface is a great way to get stereo line level, instrument level, and microphone signals all mixed together and into your computer's sound card. Applications for the GCi404 include recording old vinyl records onto your computer, or making your own radio commercials.

- Microphone Input
- 12 VDC Phantom Power
- Instrument Input
- RCA and 1/8" (3.5mm) Stereo Line Input
- RCA Phono Input with ground post and RIAA equalization
- Switchable "Ducking" or talkover feature for the Mic Input

# SIGNAL PROCESSORS



**REQ131 31Band Graphic EQ**

**REQ215 Stereo 15Band Graphic EQ**

The Roll's REQ Line of graphic equalizers are designed for modern sound reinforcement applications. Smooth band-pass filtering and transparent low-noise circuitry provide virtually distortion free operation.

- Standard ISO Frequency Centers
- Adjustable Hi/Low Shelving Filters
- XLR, 1/4" and RCA Inputs and Outputs
- +/- 12 dB boost/cut
- Dual Channels (REQ215)



**REQ313 31Band Graphic EQ**

**REQ315 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 and REQ315. The equalization filters in these units are constant band width (constant Q). The bandwidth of each individual filter is narrow enough to prevent unwarranted interaction between filters, yet wide enough to produce exactly the tupe of correction curve demanded by even the most unusual acoustic surroundings.

- Constant Q Graphic Equalizers
- 31 band mono (REQ313)
- 15 band stereo (REQ315)
- Precision equalization
- 1/4", XLR and RCA Inputs and Outputs
- Switchable slider range; 6 dB, or 12 dB
- Passive bypass switch



**RP262 Stereo Sonic Exciter**

**RSE261 Dual Sonic Exciter**

Roll's sonic exciters utilize a proprietary Spectrum Correction Encoding circuit designed to properly align and enhance the audio signal. The RP262 and RSE261 are ideal for use in live rigs or small studios to punch up and liven any sound.

- Spectrum Correction Encoding
- Subwoofer Output (RP262)
- Stereo Operation (RP262)
- Dual Mono Operation (RSE261)
- 1/4", XLR, and RCA Ins and Outs



**RPQ160 Parametric Equalizer**

The RPQ160 is a four band parametric equalizer with additional high and low shelving filters. Each band features a Frequency select control, a Width (Q) control, and a Level control. The unit utilizes "T" filters to avoid the complexity and distortion inherent in state-variable filters. It provides accurate and transparent equalization for applications from professional sound installations to musical instruments.

- Four bands of parametric equalization
- RCA, 1/4" and XLR Ins and Outs
- +/- 15 dB of Boost/Cut for each frequency
- Adjustable high and low shelving filters



**RX321 Electronic Crossover**

The RX321 is a breakthrough in electronic crossover performance. The separate crossover controls, 24 dB/Octave rolloff rate, subwoofer filter, and CD Horn equalization make the RX321 a powerful tool for many sound reinforcement applications. The crossover controls are a special more reliable 9-wiper design, rather than less reliable 2 or 3 wiper potentiometers used in other crossovers.

- Separate control of Hi and Lo Filters
- Mono Sub Output
- CD Horn EQ (via internal jumper)
- High output level to drive long lines
- 24 dB/Octave rolloff rate
- XLR and 1/4" Inputs and Outputs
- No "out-of-band" frequencies
- Built-in Rumble filter

# SIGNAL PROCESSORS cont.



**RP252**  
Compressor /  
Limiter

- Dual Channel
- Variable Threshold, Ratio, Attack, and Release controls
- XLR, 1/4", and RCA Ins and Outs
- 1/4" Side Chain Ins and Outs

The RP252 Compressor/Limiter is a professional, full-featured dynamics processor designed to handle a wide range of signals. Each channel has side chain inputs and outputs for direct access to the detector circuits, and ten-segment LED meters to indicate gain reduction. A Stereo Link switch connects the control circuits together for stereo operation. The unit also features -10/+4 dB operating level switches.



**RP221 Bottom Feeder**

- ROLLS SCE Processing
- ROLLS Sub-Sonic Synthesizer
- Electronic Crossover

Modern DJ and karaoke applications want all the low end thump-and-bump and crisp high-end they can get, with special attention paid to sound clarity. The RP221 processes the sound with Rolls unique Spectrum Correction Encoding circuitry, and feeds the outputs with a variable crossover for complete control over the final sound.



**HE18 Buzz Off**

- Eliminates 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 eliminate hum and buzz from audio systems.



**SE162 Red Square**

- Active DI Box / Sonic Exciter
- Adds clarity to any signal
- Bottom and Definition controls
- XLR and 1/4" Outputs

The SE162 is an electronically balanced direct box with the added benefit of a sonic exciter. The exciter gives your sound more life and animation.



**EQ101 10-Band Precision Equalizer**

- Compact mono EQ
- Clean, quiet operation
- Hard-wired bypass
- 1/4" and RCA Ins and Outs

The EQ101 is a precision 10-band graphic equalizer for any application needing compact size yet accurate frequency adjustment.



**SX21 Tiny Two-Way Crossover**

- 24 dB/Octave rolloff
- 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.

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.



**MP13 Mini-Mic Preamp**

- XLR and 1/4" Ins and Outs
- +21 VDC Phantom Power
- Clip Indication
- AC Adapter included

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.



**DU30 Mic Preamp Audio Ducker**

- Paging Mic Preamp
- +12 VDC Phantom Power
- Stereo RCA Alternate Input

The DU30 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.



**CL151 GLC Gate Compressor/Limiter**

- 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.

# AMPLIFIERS



**RA900 Power Amplifier**

The RA900 Power Amplifier is a two channel amp with two 410 Watt RMS - 4 Ohm outputs via 5-way bindings posts. It may be bridged and connected to a 4 or 8 Ohm load supplying up to 1100 Watts or 850 Watts respectively. The RA900 is ideal for DJs, musicians, or other sound reinforcement applications such as powering front-of-house speakers or monitors.

- 410 Watts per side into 4 Ohms
- 570 Watts per side into 2 Ohms
- 1100 Watts bridged into 4 Ohms
- 1/4" and XLR Inputs
- 5-way binding post Outputs
- Switchable Lo-cut filter
- Ground Lift



**RA200 Power Amplifier**



**RA235 Power Amplifier**

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.

- RA200**
- 100 Watts RMS per output (4 Ohm)
  - 85 Watts RMS per output (8 Ohm)
  - 200 Watts RMS bridged (8 Ohms)

- RA235**
- 35 Watts per output (8 Ohms only)
  - 1/4" and RCA inputs
  - Spring-loaded output terminals
  - Front-panel heat sinking
  - Protected output stage



**RA2100b 70 Volt Power Amplifier**



**RA170 70 Volt Power Amplifier**

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.

- RA2100b**
- 100 Watts RMS per output (4 Ohm)
  - 85 Watts RMS per output (8 Ohm)
  - 200 Watts RMS bridged into 70 V (8 Ohm)
  - 1 Second turn-on delay

- RA170**
- 70 Watts of clean amplification into 70 V system
  - Spring-loaded output terminals
  - Front-panel heat sinking



**RA63s Distribution Amplifier**

The RA63s is a line level amplifier designed to distribute eight mono or four stereo high-level balanced lines throughout a sound distribution system. Each output may power more than one line, making it ideal and very cost effective for large installations.

- 8 balanced outputs with level controls
- Strong output for driving 600 Ohm loads
- Screw terminal Ins and Outs
- DC to 30 kHz frequency response



**PA71 MicroMix**

A single microphone preamp and built-in small amplifier is often the ideal solution for the small board room or classroom. And, since the PA71 Plus operates on 12 VDC, it can easily be adapted for use in mobile applications.

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

# INTERFACE DEVICES



**RDB104 Quad Active Direct Box**

The RDB104 Quad Active Direct Box is a four channel impedance matching device designed for the audio professional and musician. Each channel's input impedance is 100k Ohms, and the output impedance is 100 Ohms balanced. The signal is electronically balanced eliminating low frequency roll-off and unwanted phase shift.

- Four channels of active impedance matching
- Paralleled Input jacks; front and rear
- Input Level control
- Switchable 30 dB Pad
- Switchable Ground Lift



**RDB109 Sound Center**

The RDB109 is an audio distribution device with a single balanced XLR line-level Input, distributed via transformer isolation to ten balanced XLR Outputs. The unit may be combined with a Rolls MP13 Mic Preamp, CL151 Mic Preamp/Compressor/Limiter, or a Rolls DU30 Ducker for easy microphone access to the RDB109.

- XLR Input, 10 XLR Outputs
- All outputs transformer balanced
- Docking Bay included for addition of optional Mic Preamp accessory



**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.



**DB25 Matchbox Direct Box**

- Ground Lift for "hum" reduction
- Attenuator switch for use with line level signals
- May be ordered with male or female XLR jacks

The DB25 takes a high impedance signal to low impedance via shielded transformer balancing.



**ADi6 dB Max Active Direct Box**

- Mixer or Paralleled Input signal
- Variable Input attenuation
- Ground Lift for "hum" reduction
- Runs of phantom power or 9 Volt battery

The ADi6 is an active direct box for converting a high impedance signal to low impedance. It's features



**MB15 ProMatch Converter**

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

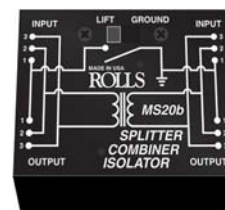
The MB15 ProMatch converts unbalanced stereo consumer-level signals to balanced professional-level signals, and vice-versa. An in-line stereo Level potentiometer for each channel provides the ability to fine-tune the signal amounts.



**DB14b A/V Presenter**

- Stereo Patch / Direct Box
- Transformer isolated XLR Output
- May be ordered with male or female XLR jack

The new 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.



**MS20b Splitter Combiner Isolator**

- 4: XLR jacks; 2 female, 2 male
- Ground Lift switch
- Isolation transformer

The MS20b is a multi-purpose XLR splitter/combiner and signal isolation box. The unit isolates signal paths reducing buzz and hum, and provides clean signal splitting or combining.



**VP29 Phono Preamp**

- 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.



**PI9 PhonePatch II**

- 2 standard RJ11 telephone Inputs
- Transformer isolation
- Dual RCA, and an 1/8" (3.5mm) Out
- Passive - requires no power

The PI9 is for recording or broadcast of telephone conversations. The unit's transformer isolation reduces the line hum, and will not hold the line open.

# MIXER / AMPLIFIERS



**MA1705 70 Volt Mixer/Amplifier**



**MA2355 Mixer/Amplifier**



**MA2152 Mixer/Amplifier**

The MA Series Mixer / Amplifiers were designed with the feature-conscious yet cost-efficient contractor/installer in mind. The units are ideal for churches, schools, small clubs or restaurants - wherever a couple of microphones need to be mixed with a few source inputs, to a variety of powered outputs.

## EACH MIXER FEATURES:

- 3 Stereo RCA Source Inputs
- 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 only)
- Bass and Treble controls
- Tone controls for the Mic Inputs

## AMP SPECIFICATIONS

- MA1705: 70 Volt / 70 Watt
- MA2355: 35 Watts stereo (8 Ohms)
- MA2152: 100 Watts RMS/Ch. 4 Ohms  
70 Watts RMS/ch. 8 Ohms  
Bridged - 200 Watts RMS  
8 Ohms / 70 V

# HEADPHONE AMPLIFIERS



**RA62b 6-Channel Headphone Amplifier**

The Rolls RA62b is a high quality headphone distribution amplifier designed for the most demanding audio monitoring. The unit features 1/4", RCA, and XLR Inputs, 1/4" as well as 1/8" (3.5mm) headphone/earphone outputs, inserts for direct channel access, stereo or mono signal monitoring, and tons of output level.

- 6 1/4" and 3.5mm Outputs
- TRS Inserts on all channels
- Stereo/Mono switch - allows mixing 2 mono signals
- Front and rear panel 1/4" Ins



**RA53b 5-Channel Headphone Amplifier**

Much like the RA62b, the RA53b is a high powered headphone/earphone amplifier with five 1/4" and 1/8" (3.5mm) headphone and earphone outs. Two RA53 units may be linked together, and mounted side-by-side in a universal rack tray for a total of 10 outputs.

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



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

**HA43 4-Channel Headphone Amplifier**

- Stereo Input
- Four individual channel Outputs
- Individual Level controls
- PS27 Power Supply included
- 1/4" TRS Input and Outputs



The HA204 was designed for expansion of 1/8" (3.5mm) headphone/earphone outputs such as MP3 players, CD players, laptop computers, electronic gaming units etc.

**HA204 4-Channel Headphone/Earphone Amplifier**

- 1/8" (3.5mm) TRS Input
- 1/8" (3.5mm) TRS Outputs
- Four individual channel Outputs
- Individual Level controls
- Battery power (PS27 optional)

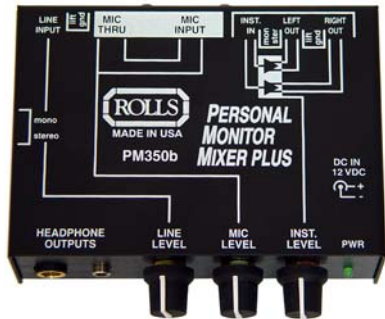
# PERSONAL MONITORS



## PM50s and PM50sOB Personal Monitor Amplifiers

Mix your microphone with a main monitor mix for a perfect monitor mix that you control. The units will also function as line testers.

- 1/4" input accepts stereo line levels
- Mic pass-through for mixer connection, hard-wired to pass phantom power
- PM50sOB operates on 9V battery or ac adapter.



## PM350 Personal Monitor Mixer

The PM350b is the ultimate personal monitor problem solver. It's designed for the musician needing to mix their instrument with their microphone and the main monitor mix.

- Three Inputs:
  - 1/4" TRS ster/mon Monitor Input
  - XLR Mic Input
  - 1/4" TRS stereo Instrument Input
- All mix to 1/4" and 1/8" (3.5mm) Outs
- Individual Level controls
- XLR Mic pass-through
- Stereo balanced Instrument DI Outs

## PS16 Personal Monitor Power Center



- 1/4" and XLR Input
- Transformer balanced XLR Input
- Four 1/4" TRS Outputs

The PS16 will power and supply signal to up to four of the PM50s, PM50sOB, or PM350b units directly, and with "Y" adapters up to ten. The power is provided on the ring of the jack. The PM series units must operate in mono.

## PM52 Headphone Tap



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

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



Perfect for musicians or for use in assistive listening systems, the WPM61 is a high VHF transmitter and receiver with a wide frequency response for superior fidelity. When combined with a PM50s, PM50sOB, or PM350, you get your own wireless personal monitor system.

## WPM61 Wireless Personal Monitor

- Mono - High VHF Operation
- 1/8" (3.5mm) Transmitter Input
- 1/4" to 1/8" (3.5mm) adapter included
- Transmitter features 9V battery operation or Rolls PS27 power supply
- Rolls EB69 Earbuds included

### SHIPS IN THESE FREQUENCIES

- 1: 216.0125 MHz
- 2: 216.3325 "
- 3: 216.6525 "
- 4: 216.9725 "

# AM/FM TUNER



## RS79b AM/FM Quartz Digital PLL Synthesized Tuner

The RS79b is a Phase Lock Loop digital AM/FM Tuner designed and built for professional applications such as remote radio station trucks, church and school installations, as well as night clubs and restaurants.

- Retains presets when power off
- Large LCD digital display
- Auto search up and down
- 30 Presets, 18 FM and 12 AM
- Standard 1U space EIA rack chassis
- Headphone, XLR, and RCA Outs
- Remote control included

# PHANTOM POWER SUPPLIES



**RPB623 Phantom Hex**

The RPB623 Phantom Hex 6 channel phantom power supply powers up to 6 condenser microphones with 48 volts of ultra clean phantom power. The outputs are 1/4" Tip-Ring-Sleeve balanced for easy connection to a digital multitrack recorder.

- Powers six condenser microphones
- High frequency power supply
- 48 Volts of clean phantom power
- 1/4" TRS Outputs
- Pull-down resistors and capacitors for DC isolation



**PB23 Mic Power I**

**PB223 Mic Power II**

**PB224 Mic Power IIb**

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. The PB224 will operate on batteries as well as an optional PS27 power supply.

- PB23 powers a single microphone
- PB223/PB224 each power two microphones
- PB224 operates on two 9V batteries
- All utilize high frequency power circuitry for best noise performance

# TESTING DEVICES



The CT1 is an inexpensive and compact cable tester for anyone with simple audio equipment. 1/4", RCA, XLR, and MIDI cables.

**CT1 Cable Detective**

- Tests 1/4", RCA, XLR and MIDI cables
- Tests audio combinations of the above
- Easy-to-read LED indication



The CS1000 is more than just a cable tester, it also tests phantom power voltage and phase, as well as cable phasing (polarity). It tests NINE different types of cable ends:

- banana, 1/4" 1/8" (3.5mm), RCA, XLR, Speak-On, 7-pin MIDI, RJ11 (Telephone), and RJ45 (Ethernet and CAT 5).

**CS1000 Cable Scanner**

- Tests nine different types of cable ends
- Tests audio combinations of the above
- Tests Phantom Power voltage and polarity
- Sends a balanced, 1 kHz audio tone out one side for wiring and audio equipment phase testing
- Easy-to-read LED indication



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



The PT102 sends a pulse through an audio system in order to verify correct phasing of signal processing, amplification, and speaker wiring.

**PT102 Phase Tester**

- Checks phase integrity of any audio system
- Built-in microphone for speaker testing
- Compact, lightweight, battery operation

# MISCELLANEOUS PRODUCTS



URT5 Universal  
Rack Tray

- Various mounting holes and hole shapes for mounting Rolls products as well as other items
- 16 Guage steel chassis



R103 Steel Security  
Panel

- Save your settings from tampering
- Helps prevent spillage from getting into sensitive equipment
- 16 Guage steel cover



GS76 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



MM11 MicMute

- Momentarily mutes a balanced XLR signal
- Large switch for hand or foot use
- Heavy guage metal chassis
- Screw mounting to any surface
- Passive; requires no power



OS10 Outlet Strip / Surge Protector

- 6 total grounded AC outlets
- Surge Protector
- 6 foot cord
- Power button lights when on



PS27 12VDC



PS12 12VAC



PS91zm 9VDC

- PS27: 12VDC, 200 mA current available
- PS12: 12VAC, 800 mA current available
- PS91zm: 9VDC, 400 mA current available
- Each have a 5 foot cord



PC3 Power Cord / Wall-wart adapter

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



RP8 Two Button Footswitch

- 1/4" TRS Connection
- Momentary switches:  
Effect 1 grounds the tip  
Effect 2 grounds the ring



PA66 Pager

- Assigns a balanced microphone to up to six zones
- Momentary push-button zone selection



MSC106 Mic Stand Clamp

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



BC17 Belt Clip

The BC17 attaches to the back of a PM50s, PM50sOB, or PM350b to provide mobile use of those units. A screw is provided to attach to the back of the Personal Monitor unit.



BT107 10-Pack Energizer® Batteries

- Long lasting alkaline
- Sold only in packs of ten



EB77 Stereo Earbuds

Cone:	Mylar
Magnet:	Cobalt
Impedance:	32 Ohms
Freq. Response:	50Hz - 20kHz
Plug:	3.5mm Stereo
Ear pads:	soft rubber



YS19 Stereo "Y" Adapter

- 1/4" TRS male end
- 2 ea.: 1/4" TRS female ends
- Molded plastic casing



VT24 Vacuum Tube

- Premium 12AX7 or equivalent
- For Bellari or other tube devices

For complete and up-to-date info on all Rolls products, see our website at [www.rolls.com](http://www.rolls.com).

# ROLLS