

MICROPHONE SOLUTIONS

VOLUME 1

Microphone Products

Microphone Compressor

Increases Intelligibility of any Public Speaker



Features:

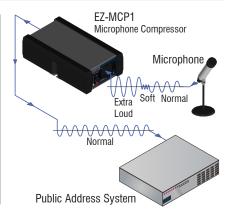
- Ideal for Public Address Mics, Lectern Mics, Paging Mics, Portable Mics and Pass-Around Mics
- Provides Consistent Mic Levels for Varying Speech Levels
- Prevents Distortion by Reducing Excessively-Loud Mic Signals
- Improves Low-Level Speech Intelligibility
- Prevents Input-Clipping Distortion of Mixer / Mic Preamp Input
- Compatible with Hard-Wired or Wireless Microphones
- Installs Easily with 2 Screws or Optional RDL Mounting Accessories



Power Supply Included:

PS-24AS (USA), PS-24AX (International)

Part # EZ-MCP1



Dual Microphone Compressor

Provides Consistent Audio Output Levels for Varying Speech Levels

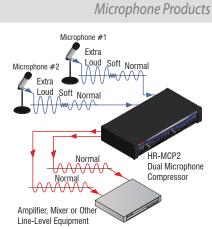
Features:

- Optimized for Dynamic or Condenser Mics
- Controls Overloads That Cause Distortion and Clipping
- Use as a Mic-Level Compressor or as a Mic Preamp with Compression
- Microphone or Line-Level Outputs
- Inputs and Outputs on XLR and Detachable Terminal Block
- Switch-Selectable 48 V Phantom for Both Inputs
- Switch-Selectable 15 dB Input Pads



Recommended Power Supply: PS-24AS (USA), PS-24AX (International)

Part # HR-MCP2



Gated Speech Preamplifier - Microphone to Line Level

Microphone Preamp that Activates when Speech is Detected



Features:

- Minimizes Background Noise by Deactivating Microphone Input when no Speech is Detected
- Automatic Muting After 2 Seconds without Speech
- Fast, Silent Audio Switching
- Up to 48 V Phantom Power Capability
- Adjustable 45 to 65 dB Gain
- Open-Collector Output for Controlling RDL Modules or Other Equipment
- Versatility of STICK-ON® Compactness



Recommended Power Supply: PS-24AS (USA), PS-24AX (International)

Part # ST-GSP1

ST-GSP1 Gated Speech Preamplifier

Microphone

Amplifier, Mixer or Other Line-Level Equipment

Questions? Tech Support: (928) 778-3554 | service@rdlnet.com **Product Applications & Information:** www.rdlnet.com

Processing

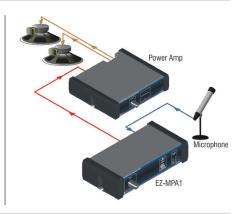
Microphone Products

Single-Channel Microphone Preamp with Compressor

- Converts 1 Microphone Signal to Line Level
- Optimized for Dynamic or Condenser Mics
- Switch-Selectable, Line-Level Compressor Controls Overloads and **Prevents Clipping**
- Switch-Selectable 24 V Phantom Power
- User Accessible Microphone Volume Control
- Headroom Accommodates "Hot" Microphone Input Levels
- Zero to 50 dB Gain
- **Dual-LED VU Meter**



Power Supply Included: PS-24AS (USA), PS-24AX (International) Part # EZ-MPA1



Dual Microphone Preamplifier - Stereo Output with Compressors

Dual-Channel Microphone Preamp with Compressor

Features:

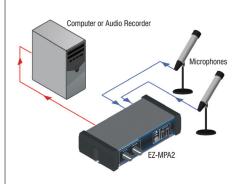
- Converts 2 Microphone Signals to Line Level
- Optimized for Dynamic or Condenser Mics
- Switch-Selectable, Line-Level Compressor Controls Overloads and **Prevents Clipping**
- Switch-Selectable 24 V Phantom Power
- User-Accessible Microphone Volume Controls
- Headroom Accommodates "Hot" Microphone Input Levels
- Zero to 50 dB Gain
- **Dual-LED VU Meters**



Power Supply Included:

PS-24AS (USA), PS-24AX (International)

Part # EZ-MPA2



Studio-Quality Microphone Preamplifier with Phantom

Feature-Rich, Low-Noise, Single-Channel, Studio-Quality Microphone Preamp

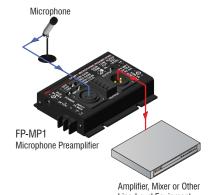
Features:

- Optimized for Dynamic or Condenser Mics
- Switch-Selectable off, 12 V or 24 V Phantom Power
- Adjustable 19 dB to 65 dB Gain
- **XLR and Terminal Block Connections**
- Ultra-Compact All Metal Construction
- Ideal for Fixed Installations
- Switch-Selectable Low Cut Filter
- Dual-LED VU Meter



Recommended Power Supply: PS-24AS (USA), PS-24AX (International) Part # FP-MP1

Microphone Products



Line-Level Equipment

Dual Microphone Phantom Adapter 12, 24, 48 V

Dual Microphone Phantom Power Inserter

Features:

- Provides 12 V, 24 V, or 48 V Phantom Power to 1 or 2 Microphones
- Inputs and Outputs on XLR Connectors
- Selectable Current for 24 V Microphones
- Low-Profile, All-Metal Construction is Ideal for Fixed Installations
- Each Phantom Output is Short-Circuit Protected



PS-24AS (USA), PS-24AX (International)

Part # FP-MPA2

Microphone Products



Amplifier, Mixer or other Equipment Microphone Inputs that do not Provide Phantom Power



Studio-Quality Dual Microphone Preamplifier

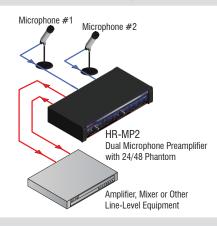
Versatile Dual-Channel, Studio-Quality Microphone Preamp

Features:

- 2 Independent Studio-Quality Microphone Preamps
- Optimized for Dynamic or Condenser Mics
- Switch-Selectable 24 V or 48 V Phantom Power
- 2 Individual Outputs Plus 1 Summed Output
- Inputs on XLR Connectors
- Outputs on XLR, Detachable Terminal Blocks or 1/4"TRS
- Dual-LED VU Meter for Each Preamplifier
- Clip Indicators for Peaks 3 dB Below Clipping



Recommended Power Supply: PS-24AS (USA), PS-24AX (International) Part # HR-MP2



Microphone Products

Microphone Products

Dual Microphone / Line Preamplifier

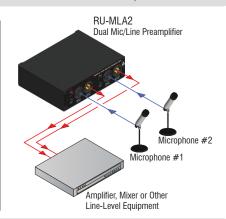
Dual-Channel Microphone or Line -Level Preamp

- Two-Channel Audio Preamplifier
- Optimized for Dynamic or Condenser Mics
- Front Panel XLR Input / Output Jacks
- Detachable Input / Output Terminal Blocks
- Switch-Selectable Mic or Line Inputs
- Switch-Selectable Mic Gain and 24 V Phantom
- Gain Trim on Each Input
- Each Output Switch-Selectable Mic or Line



Recommended Power Supply: PS-24AS (USA), PS-24AX (International)

Part # RU-MLA2



Microphone Preamplifier - 50 dB Gain

Ultra-Compact, 50 dB Fixed-Gain Microphone Preamp

Features:

- Fixed 50 dB Gain
- 1 Unbalanced Output
- 1 Balanced Output that may be Wired Unbalanced
- Optimized for Dynamic or Condenser Mics
- 24 V Phantom Power Capability
- RF-Filtered Input and Outputs
- Versatility of STICK-ON® Compactness



Recommended Power Supply: PS-24AS (USA), PS-24AX (International) Part # STM-1

Microphone Products Microphone STM-1 Microphone Preamplifier 50 dB Gain

Amplifier, Mixer or Other Line-Level Equipment

Microphone Products

Adjustable Gain Microphone Preamplifier - 35 to 65 dB Gain

Ultra-Compact, Low-Noise, Adjustable-Gain Microphone Preamp

Features:

- Adjustable Output Level
- High or Low Impedance Mic Input
- Mic Input to 2 Line Outputs
- Two Balanced or Unbalanced Outputs
- 24 V Phantom Power Capability
- **RF-Filtered Input and Outputs**
- Versatility of STICK-ON® Compactness



Recommended Power Supply: PS-24AS (USA), PS-24AX (International) Part # STM-2

Microphone STM-2 Professional Low-Noise Microphone Preamplifier

Amplifier, Mixer or Other Line-Level Equipment



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Switched Microphone Preamplifier - 35 to 65 dB Gain

Microphone Products

Ultra-Compact Microphone Preamp for Push-To-Talk or "Cough Button" Applications

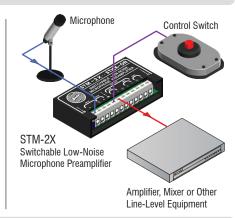


Features:

- Switched Microphone Preamp
- Ideal for Push-to-Talk or "Cough Button" Applications
- Optimized for Dynamic or Condenser Mics
- Low-Noise Operation and Quiet Switching
- Adjustable 35 to 65 dB Gain
- 24 V Phantom Power Capability
- Versatility of STICK-ON® Compactness



Recommended Power Supply: PS-24AS (USA), PS-24AX (International) Part # STM-2X



High-Gain Microphone Preamplifier - 45 to 75 dB Gain

Ultra-Compact, Low-Noise, High-Gain Microphone Preamp

Features:

- Adjustable 45 to 75 dB Gain
- Optimized for Dynamic or Condenser Mics
- 2 Balanced/Unbalanced Outputs
- 24 V Phantom Power Capability
- Versatility of STICK-ON® Compactness



Line-Level Equipment

Microphone Products



Recommended Power Supply: PS-24AS (USA), PS-24AX (International) Part # STM-3

Studio-Quality Microphone Preamplifier with Phantom - 3 Line Outputs

Microphone Preamp with Audio Distribution

STM-LDA3.STICK-

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Features:

- Compact, Studio-Quality Microphone Preamp
- Three Distributed Line-level Audio Outputs
- Low-Noise and Low-Distortion Performance
- 24 V Phantom Power Capability
- Adjustable Gain up to 60 dB
- **Dual-LED VU Meter**
- Versatility of STICK-ON® Compactness



Recommended Power Supply: PS-24AS (USA), PS-24AX (International) Part # STM-LDA3

Microphone Products



Microphone Phantom Adapter - 2 Channels

Phantom Power for 2 Microphones

DUAL MIC PHANTOM ADAPTER 00000000000000

Features:

- Add Phantom-Powered Mics to Standard Inputs
- Two Phantom Adapters in One Module
- Phantom Conversion with Full Frequency Response
- Adjustable 6 V to 52 V Phantom Voltage Using 52 V Power Supply
- Adjustable 6 V to 24 V Phantom Voltage Using RDL 24 V Power Supply
- Highly-Filtered Phantom Power
- Versatility of STICK-ON® Compactness

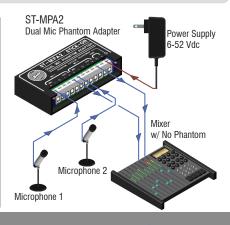


Recommended Power Supply: PS-24AS (USA), PS-24AX (International)

Part # ST-MPA2

Microphone Products

Balanced or Unbalanced Input



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