

# Features and Benefits

## V-Mixer MIXING CONSOLE M-380



### Product Positioning Statement

The M-380 V-Mixer is the most compact, rack mountable 48-channel digital mixing console available. It is an ideal solution for any church, school, production company or corporation looking for a lot of audio control and power but in a small footprint.

The M-380 is part of the RSS V-Mixing System enabling it to work well with any combination of RSS Digital Snakes, Personal Mixing System and Multi-channel Recording. It has 48-channel mixing capability (from up to 90 inputs) including digital patch-bays, remotely controlled preamps, built-in effects processors, 16 Aux/Mon sends, 8 Matrices, 8 DCAs, 8 Mute Groups, built-in stereo recording/playback and support for LCR configurations. It also features rapid recall of setups/scenes, 100mm motorized and touch sensitive faders, an 800 x 480 color screen, and dedicated knobs for EQ, Pan, and Gain. The M-380 possesses all of the powerful features and extensive benefits of the award-winning M-400 V-Mixer which allows them to be used together in any configuration including the interchange of projects.

### Applications

#### Production Companies

A compact, portable, and rack mountable 48 channel digital mixing console for live production events. The portable, easy to use and easy to setup digital mixing console makes it perfect for corporate, trade show and live event production.

#### Church

For houses of worship using temporary facilities, the M-380 is compact and powerful for portable church applications. The lightweight Cat5e cable along with the Digital Snake stage units makes setup and teardown very easy. In permanent installations, costs are very low compared to running long coppers runs through conduit. Scene memory storage and instant recall allows technicians to setup mixing parameters during the weekday rehearsal as a starting point for the upcoming weekend service.

#### Monitor/Broadcast Desk

For many users who already own an M-400 V-Mixing System and now want to add a monitor or broadcast position, using a REAC split the M-380 is an affordable and easily integrated component for the V-Mixing System.

#### Corporate

The M-380 can be integrated with a touch panel via RS-232 control, ideal for remote control in a corporate presentation theater or board room scenario where you have the console installed in a rack room or side cabinet. Additionally the M-380 can provide an instant copy of the event via its built in recording function that records the stereo mix in CD Audio quality to a USB flash memory key.

#### Mobile Broadcast Trucks

For portable and remote broadcast applications the M-380 provides a very powerful 48-channel rack mountable solution for mobile broadcast applications. Using the REAC protocol for audio transmission, the M-380 can accept audio transmission feeds from up to 90 inputs to the broadcast truck using Cat5e or fiber optic solutions up to 1.2 miles.

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Feature	Function	Benefit
Rack mount 48 channel digital console		Very small footprint with powerful features that can be used in many portable audio-mixing applications.
Built in effects	Applies a variety of digital effects to input or output signals including Reverb, Delay, GEQ, PEQ, 6 vintage Roland effects, etc.	Eliminates the need for bulky and sometimes expensive outboard external effects processors and the associated challenges of analog patching.
24-bit remote controlled Mic pre-amps	Amplifies the signal from microphones to line level with the enhanced dynamic range of 24 bit converters.	24 bit converters ensure superior dynamic range for hi fidelity sound. The remote control functionality allows the mic pres to be as close to the stage as possible ensuring the best possible source signal.
REAC Protocol	Roland's high quality 24 bit audio transfer and distribution protocol using Cat5e cable. REAC also enables easy and inexpensive digital splits for recording, personal mixing, and broadcast mixing.	Low latency, all digital transfer of audio for recording, mixing, personal mixing and recording. REAC is immune to hums, buzzes and cross talk associated with analog snakes making it easy to run the signal anywhere.
RS-232 Control	Enables external control via a variety of serial control devices.	Remotely control mixing parameters from Touch Panel devices for simplified operation console parameters such as scene recall and volume adjustments
Up to 90 inputs		Flexible input patching using the digital patchbay enables convenient installation of numerous inputs around a stage. Alternatively, in a live event you can setup multiple bands in advance without having to repatch.
USB Port	Playback and record stereo audio. Store and recall projects. Update console to latest software version.	Playback is made convenient by simply dragging and dropping files to a USB flash key. When recording, the audio file is ready to be duplicated or uploaded immediately after conclusion of event. USB key is a convenient and common form factor to save and move projects around.
PC Control Software	In off line mode, pre-set parameters to load into the console. In online mode, control the console.	Setup the console for any upcoming event including track names, effects, EQ etc and then load to the console upon arrival at the venue. While online, control console parameters in realtime.
Help Button	Select any button and then press HELP to display Help topic information	This function provides intuitive explanation and application of console functions starting with "What is it?" following by "How to use it".
Multi-channel Recording	Record up to 40 channels to SONAR REAC Recording System	Capture up to 40 audio sources directly into a PC without the need for a large hardware interface. Simply connect to the PC network port.
Local Audio Inputs	10 inputs on the back of the console	Keep on eye on devices you need close to you. Connect DVD, CD, and MP3 players or wireless mics to the M-380 directly.
Local Audio Outputs	10 outputs on the back of the console	Connect to local output devices directly from the console. Outputs can also be used to patch in external effect devices.
Bright 800 x 480 TFT Display	Displays the software interface in high resolution.	Viewable from a variety of angles to control and operate console functions, even in direct sunlight applications.
User Levels with Passwords	Controls access and operation of the console	Provides user logins with passwords enabling and disabling console functions depending on user abilities. Allows customization of mixer parameters for each user.
12 Touch Sensitive Faders	Adjustment of sound volumes and additional interface parameters.	Motorized touch sensitive faders provides professional live mixing feel and quick access to channel parameters