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QX5A 3CH NEAR FIELD MONITOR
INTRODUCTION

The QX5A is designed to function as both a powered near field monitor and as a three channel mixer/monitor with an external output to send to a QX15A or SCx Series powered main speaker for live performances. The QX5A is ideal for the solo performer who wants an all in one mixer/monitor with the ability to connect a larger active main speaker or amplifier for live performances in small to medium size venues. Houses of Worship can benefit from the compact near field design, allowing audio from the mixing console to be sent directly to the performer(s) on stage and allowing the performer to adjust his or her own volume and tone as needed.

Solo Performer Mixer/Monitor Operation
To use the QX5A as a mixer/monitor as a solo performer, connect an instrument to CH1 and a vocal microphone to CH2. When using a condenser microphone or instrument requiring phantom power, press the 48v Phantom Power switch located above CH1. Adjust Volume, EQ, and Effects as desired for the monitor mix. Adjust Main/Level to set desired monitor level. The channel level controls both the monitor level and THRU level that feeds the external main speaker. Connect an XLR cable from the THRU output to the input of a powered main speaker or power amplifier connected to a main speaker.

Near Field Monitor Operation
To use the QX5A as a near field monitor, connect the monitor or AUX send from the mixing console to the MAIN IN XLR input on the rear of the QX5A. Adjust the EQ and MAIN LEVEL for your desired sound and volume. Use the THRU output to connect a second QX5A for additional monitor coverage.

QX5A FRONT VIEW

QX5A REAR VIEW

QX5A SPECIFICATIONS

» System Type: 5-inch, Active Near Field Monitor
» Speaker Cabinet Frequency Response: 80Hz-14kHz (-10dB) 100Hz-10kHz (-3dB)
» Three Channel Mixer
» SYSTEM EQ: 3-Band with cut/boost +/- 15dB
  LOW 100Hz, MID 2.5kHz, HIGH 12kHz.
» MIC/LINE IN to THRU Frequency Response: 20Hz-20kHz
» Power: 150W Program
» Input Impedance: 20k 0hms
» Sensitivity (1w/1m): 98dB
» Maximum SPL: 114dB
» Maximum Input Signal: +20dBu
» Speaker: 5-Inch Woofer 6 Ohms
» Enclosure: Virgin polypropylene
» Color: Black
» Grill: Black powder coated 18-ga steel
» Transport: 1 Top Handle
» Pole Mount: 16mm (0.63-inch) pole mount cup
» Pole Mount Adapter: 3/8-16
» Top Mount: 3/8-16
» Top Mount Mic Extension Pole: 3/8-16 and 5/8 adapters. Extension Pole length is 6.75-inches
» AC Input: 100V-230V (50-60Hz)
» Fuse: T3.15A-250V 20mm x 5mm
» Net Weight: 6.1lbs (2.8kg)
» Dimensions: 11.25”W x 7.0”D x 8.0”H
QX5A Front Panel Features

» 1. The QX5A features active 3-band tone controls LO MID and HI. These function as boost (clockwise) or cut (counter-clockwise) controls. The center position is the "flat" or neutral position. The LOW is centered at 100Hz, the MID control is centered at 2.5kHz and the HIGH is centered at 12kHz.

» 2. POWER LED indicates that the QX5A is turned on and ready for use.

» 3. EFF MIC1/MIC2. Use this button to select which channels have the effect. When button is in the out position, both CH1 and CH2 have the effect. When button is depressed, only CH2 has the effect.

» 4. Effects VOLUME. Use this volume knob to control the amount of Effects effect present in the QX5A mix and the audio mix sent to the THRU output.

» 5. LEVEL 3. Volume level for AUX INPUT and CD IN. This controls the volume in the QX5A mix and the volume for the audio mix sent to the THRU output.

» 6. CH3 CD/AUX INPUT. Connect a 3.5mm (1/8-inch) stereo plug to your devices.

» 7. CH3 RCA AUX INPUT. Use an RCA cable to connect an audio source.

» 8. MAIN LEVEL. This is the master volume control for the internal speaker only. This control does not affect the volume level of the THRU output.

» 9. +48V PHANTOM POWER LED. When lit, this indicates that 48VDC of phantom power is applied to MIC/LINE1 and MIC/LINE2.

» 10. PHANTOM. Depress this button to turn on the PHANTOM power.

» 11. INSTRUMENT (CHANNEL 1). Press this button in when connecting an unbalanced instrument into MIC/LINE1. This will optimize the channel gain.

» 12. LEVEL 2. Volume level for MIC/LINE2. This controls the volume in the QX5A mix and the volume for the audio mix sent to the THRU output.

» 13. LEVEL 1. Volume level for MIC/LINE1. This controls the volume in the QX5A mix and the volume for the audio mix sent to the THRU output.

» 14. MIC/LINE 2. This combo XLR jack is the audio input for CH2. The input will accept XLR or 1/4-inch instrument cables.

» 15. MIC/LINE 1. This combo XLR jack is the audio input for CH1. The input will accept XLR or 1/4-inch instrument cables. Use this channel to connect your instrument.

QX5A Rear Panel Features

» 1. MAIN IN. Use this input to receive a monitor audio signal from the front of house console.

» 2. LINE/MIC. This sensitivity button allows the user to select the output level for the THRU audio send. Depressing the button will decrease the output level.

» 3. THRU. Use this output to send an audio signal to a second QX5A monitor, power amplifier or active main speaker such as the QX15A or SCx Series. The THRU signal will contain the MAIN IN signal as well as all three channels of the QX5A.

» 4. AC INPUT and FUSE. Can accept 100V-230V (50-60Hz)

» 5. POWER. On/Off switch.
Solo Performer Mixer / Monitor Operation

Near Field Monitor Operation

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