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QSC TouchMix-16

QSC TouchMix-16 Compact Digital Mixer Instruction Manual

Brand: QSC

Model: TouchMix-16

The QSC TouchMix-16 compact digital mixers are designed for musicians, production professionals and live performance venues that need the power and capability of a large concert mixing console in a compact, affordable and easy to use form. The TouchMix-16 mixer has the functionality to satisfy demanding professionals combined with a range of features and functions that help the less experienced user achieve quality results. The QSC Touch Mix Series represents a breakthrough in innovation and digital mixer design - the result of a remarkable collaboration between QSC and industry icons Greg Mackie and Peter Watts (M&W Pro Audio Ltd.) Touch Mix not only resets the bar for performance and value, but also redefines the user experience for both professionals and novices alike.

KEY FEATURES

- 20 Full Function Inputs: 12 Mic, 4 Mic/Line (XLR/TRS Combo), 2 Stereo Line (TRS), Talkback (XLR), USB 2-track
- Outputs: 6 Aux (XLR), 2 Stereo (TRS), Main R/L (XLR), Cue (TRS), Monitor (TRS)
- TRS Aux outs drive wired In Ear Monitors (IEM) directly
- 4-band full parametric EQ, variable high-pass and low-pass filters on all input channels
- Gate and compressor on all input channels

PRODUCT OVERVIEW



QSC TouchMix-16 Digital Mixer, showcasing its compact design and intuitive touchscreen interface.



Top-down view of the QSC TouchMix-16, highlighting all input channels and control knobs.



Rear view of the QSC TouchMix-16, showing various output ports including Aux, Main, and USB connections.

SETUP

This section provides general guidelines for setting up your QSC TouchMix-16. For detailed connection diagrams and initial configuration, please refer to the official User Guide.

Initial Power-Up

Connect the power adapter to the mixer and a suitable power outlet. Press the power button to turn on the unit. Allow the system to boot up completely.

Connecting Inputs and Outputs

The TouchMix-16 features 20 full-function inputs (12 Mic, 4 Mic/Line XLR/TRS Combo, 2 Stereo Line TRS, Talkback XLR, USB 2-track) and various outputs (6 Aux XLR, 2 Stereo TRS, Main R/L XLR, Cue TRS, Monitor TRS). Ensure all audio sources and destinations are connected to the appropriate ports. TRS Aux outputs can directly drive wired In Ear Monitors (IEM).

OPERATING INSTRUCTIONS

Navigating the Touchscreen Interface

The TouchMix-16 features an intuitive touchscreen interface. Use the main display to access various mixing parameters, effects, and settings. The rotary encoder provides precise control for selected parameters.

Basic Mixing

Adjust input gains using the trim controls. Use the on-screen faders to set channel levels. Access 4-band full parametric EQ, variable high-pass and low-pass filters, gate, and compressor on all input channels for sound shaping.

Effects Processing

The mixer includes 4 internal, professional digital effects processors. Utilize these for reverb, delay, and other effects to enhance your mix.

Remote Control

The TouchMix-16 can be controlled remotely using a dedicated app on compatible devices. An included USB Wi-Fi adapter allows for wireless control without external network hardware. This enables mobile access and multi-screen operation for flexible mixing.

MEDIA GALLERY

QSC TouchMix-16 Compact Digital Mixer with Bag: An overview of the mixer's features and capabilities.

SPECIFICATIONS

Specification	Value
Item Weight	5 pounds
Product Dimensions	24 x 5 x 15 inches
ASIN	B00KDX7TC6
Item model number	QSC TOUCHMIX16
Date First Available	April 10, 2014
Hardware Interface	USB 3.0
Mixer Channel Quantity	16
Power Source	Corded Electric
Brand	QSC
Number of Channels	16
Connectivity Technology	Auxiliary

MAINTENANCE

Cleaning

Regularly clean the mixer's surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents. Keep the touchscreen free of dust and smudges for optimal performance.

Firmware Updates

Periodically check the QSC website for firmware updates. Keeping your mixer's firmware up-to-date ensures optimal performance, new features, and bug fixes. Updates can typically be performed via a USB drive.

TROUBLESHOOTING

Common Issues

- **No Sound:** Check all cable connections, ensure power is on, verify input/output routing, and check mute groups.
- **Distorted Audio:** Check input gain levels to prevent clipping, ensure proper impedance matching, and inspect cables for damage.
- **Connectivity Problems:** For remote control, ensure the USB Wi-Fi adapter is properly inserted and your device is connected to the mixer's Wi-Fi network.

For more detailed troubleshooting steps, please refer to the official User Guide.

WARRANTY AND SUPPORT

For warranty information, technical support, and service inquiries, please visit the official QSC website or refer to the User Guide.

Official User Guide (PDF): [Download PDF](#)

Visit the QSC Store: [QSC Store on Amazon](#)