

SOUND DEVICES



CL-9

Linear Fader Controller for the 788T Digital Recorder

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The CL-9 Linear Fader Controller is an optional accessory for the 788T Digital Recorder. It significantly expands the mixing capability and accessibility of the recorder. The following is a list of key features of the CL-9.

- 100 mm ultra-low latency linear faders on each input for precise control of post-fade levels
- Master rotary faders for Left, Right, Aux1, and Aux2 Tracks
- Provides access to the 788T parametric EQ
- Provides access to continuous pan to the Left and Right Tracks
- Provides access to the slating system
- Provides access to two separate private bidirectional talk back systems
- Allows user to quickly change parameters of various functions
- Allows user to quickly change input-to-track routing and track enabled status
- Allows user to quickly solo any input, track, or output in the headphone monitor
- Ability to quickly mute outputs
- No extended power sources required. Control and powering via a single USB cable.

See the reverse-side of this document for connection instructions. For details on operation refer to the 788T User Guide and Technical Information located at http://www.sounddevices.com/download/guides/788t_en.pdf.

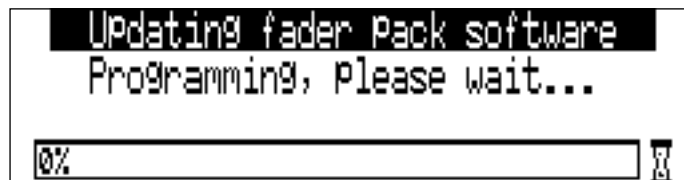
Specifications

Powering	Powered by the 788T over USB bus power.
Dimensions	2.75" x 13.75" x 8.75" (H x W x D) 7 cm x 34.5 cm x 22.5 cm (H x W x D)
Weight	4 lbs 11 oz 2.1 kg
Included Cables	USB-A Male to USB-B Male cable, length 6' 3.5 mm to 1/4", Tip-Ring-Sleeve, length 5'

Complete details on CL-9 functionality are available in 788T User Guide and Technical Information. CL-9 Connection

The CL-9 is connected to the 788T and powered from it via USB; no other powering source is required. The 788T Headphone Output is connected to the CL-9's 788T Headphone Input on the rear panel allowing the CL-9 to be the master headphone control of the entire 788T/CL-9 system. Use the following step-by-step instructions to ensure proper physical connection of the CL-9 to the 788T.

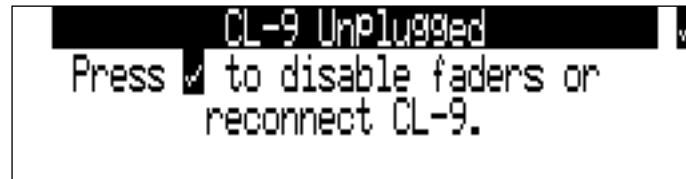
1. Connect the USB A Male connector to the USB A Female KEYBD Input on the 788T Rear Panel.
2. Connect the USB B Male connector to the USB B Female Input labeled "788T" on the CL-9 Rear Panel. Once connected, the CL-9 immediately updates according to the 788T's latest version of firmware.



*When the CL-9 is first connected to a 788T **not originally shipped from the factory with revision 2.00 firmware or greater**, a notice appears on the LCD indicating that the firmware update process is required for CL-9 operation. This update is required, even if revision 2.00 or greater is running on the 788T. Please view the **IMPORTANT! Read Me First** document that is included in the CL-9 shipping package.*

3. Connect the 1/4-inch Male TRS connector to the 1/4-inch Female Headphone Output on the 788T Right Panel.
4. Connect the other 1/4-inch Male TRS connector to the 1/4-inch Female Input labeled "Headphone From 788T" on the CL-9 Rear Panel.
5. Connect Headphones to either the 3.5 mm or 1/4-inch Headphone Output on the CL-9 Front Panel.
6. Power the 788T on.

The following warning screen appears when the USB connection between a CL-9 and 788T is disrupted.



If disconnected, the 788T retains all CL-9 settings unless the user confirms disconnection. All CL-9 only settings will then be disabled, including Fader levels, COMs, Slate, EQ, Pan, and Output Mutes. If the CL-9 is reconnected without pressing confirmation, the 788T returns to the screen viewed prior to disconnection. All settings remain the same, provided that the fader levels have not been adjusted.

Warranty, Service, and Technical Support

Sound Devices, LLC strongly encourages you to register your product.

Registering can extend your warranty and ensures you will receive timely updates.

www.sounddevices.com/support/registration

Read your warranty here:

www.sounddevices.com/support/warranty

For all service, including warranty repair, please contact Sound Devices for an RMA (return merchandise authorization) before sending your unit in for repair. Product returned without an RMA number may experience delays in repair. When sending a unit for repair, please do not include accessories, including SSD drives, CF cards, batteries, power supplies, carry cases, cables, or adapters unless instructed by Sound Devices.

Sound Devices, LLC
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telephone: (608) 524-0625 **Technical Support / Bug Reports**

For technical support and bug reporting on all Sound Devices products contact:

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web: <http://www.sounddevices.com/support/>
Telephone: +1 (608) 524-0625 / Toll-Free in the U.S.A.: (800) 505-0625
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CL-9 CE Declaration of Conformity

According to ISO/IEC Guide 22
Sound Devices, LLC
300 Wengel Drive
Reedsburg, WI 53959 USA

declares that the product, CL-9 Linear Fader Controller is in conformity with and passes:

89/336/EEC	EMC Directive
EN 55103-1, 1997	EMC-Product Family Standard for Audio, Video, Audio-Visual and Entertainment Lighting Control Apparatus for Professional use. Part 1: Emissions
EN 55103-1, 1997	EMC-Product Family Standard for Audio, Video, Audio-Visual and Entertainment Lighting Control Apparatus for Professional use. Part 2: Immunity
CISPR 22, 2006 (EN 55022, 2006)	Radiated Emissions, Class B
CISPR 22, 2006 (EN 55022, 2006)	Conducted Emissions Class B
IEC 61000-3-2, 2005 EN 61000-3-2, 2001	Harmonic Current Emissions (through Amendment 14 of IEC 61000-4-7)
IEC 61000-3-3, 2005 EN 61000-3-3, 2002	Voltage Fluctuation and Flicker
EN 55103-1 Phenomena 2,3, 1997 EN 55103-1	Magnetic Emissions at 1 Meter 50Hz – 50kHz
IEC 61000-4-2, 2001 EN 61000-4-2, 2001	ESD, $\pm 4\text{kV}$ Contact, $\pm 8\text{kV}$ Air Discharge
IEC 61000-4-3, 2006 EN 61000-4-3, 2005	Radiated RF Immunity, 3V/m, 80% AM @ 1kHz, 1% step of the previous frequency 80-1000 MHz
IEC 61000-4-4, 2004 EN 61000-4-4, 2005	EFT Burst: $\pm 0.5\text{ kV} - \pm 2\text{kV}$
IEC 61000-4-4, 2004 EN 61000-4-4, 2005	EFT Burst $\pm 0.5\text{kV}$ to $\pm 1\text{kV}$
IEC 61000-4-5, 2005 EN 61000-4-5, 2001	Surge $\pm 1\text{kV}$ Differential Mode (line to line) $\pm 2\text{kV}$ Common Mode (line to ground)
IEC 61000-4-5, 2005 EN 61000-4-5, 2001	Surge $\pm 1\text{kV}$ Common Mode
IEC 61000-4-6, 2006 EN 61000-4-6, 2005	Conducted RF Immunity: 3 V 80% AM modulation @ 1kHz
IEC 61000-4-6, 2006 EN 61000-4-6, 2005	Conducted RF Immunity: 3 V, 80% AM modulation @ 1kHz
EN 55103-2 Phenomena 3, 1997 EN 55103-2, 1997	Magnetic Immunity 50Hz – 10 KHz
IEC 61000-4-11, 2004 EN 61000-4-11, 2004	Voltage Dips and Short Interruptions at test Voltage level: 70%, 40% and 5% nominal for 10ms, 100ms, 1 sec and 5 sec (50Hz)

Tested by L. S. Compliance, Inc. Cedarburg, Wisconsin
January 28, 2010



Matthew Anderson
Director of Engineering
Sound Devices, LLC

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