

T1 ToneMatch® audio engine

Innovative tone control, available only from Bose.

The T1 ToneMatch audio engine is designed to enrich the sound of musicians using any Bose L1® system. Its powerful features and tone-shaping tools quickly bring you closer to the true sound of your voice and instruments. This versatile digital mixer helps you sound your best in live performances. It expands the input capacity of your L1 system and gives you instant access to a host of proprietary EQ presets, standard effects and processors.

The ToneMatch audio engine puts our largest library of customized presets at your command. These ToneMatch presets instantly optimize instruments and microphones for any L1 system, all at the touch of a button.

Different presets can be independently assigned to the engine's four channels. For example, select Audix® OM5 mic presets for channels 1 and 2, Taylor® guitar for channel 3 and Lakland® bass for channel 4 – all at the same time.

Our engineers often work with manufacturers directly to expand the ToneMatch preset library. Updates are available to you free, with easy downloading via the engine's USB port.



The T1 ToneMatch® audio engine is a digital multichannel mixer designed for use with Bose® L1® sound systems. It provides four independent channels, over 100 proprietary ToneMatch presets for instruments and microphones and a complete suite of studio-class effects and sound processors.

Proprietary ToneMatch presets optimize L1 system to match the intended natural sound of specific instruments and vocal mics. Over 100 presets are organized into quick-access banks and can be independently assigned to each channel. Free ongoing updates can be downloaded via a USB connection between your computer and the ToneMatch audio engine.

- More than 100 proprietary ToneMatch presets for a variety of popular microphones and instruments
- Four input channels with independent selection of ToneMatch presets and effects
- Proprietary zEQ for precise tone control, plus a complete suite of studio-class effects and processing, such as reverb, delay and modulation
- Chromatic tuner
- Phantom power
- Compatible with any L1 system
(requires T1 power supply for use with L1 Model 1 and L1 Compact systems, and with a PC)

- **Input signal/clip LEDs (1-4/5)** — Displays the input signal status in color: Green indicates the presence of an input signal, yellow indicates a signal near clipping and red indicates clipping
- **Trim controls (1-4/5)** — Adjust the input sensitivity for the respective channel
- **Phantom power switch** — Applies +48V power to input channels 1-3. A red LED indicates that phantom power is on
- **Display** — Provides function menus and system status information
- **T1 rotary selector** — Allows access to both global and channel related parameters, which are adjusted using the editing controls
- **Editing controls** — These three rotary/push-button controls allow you to select or adjust items/values appearing on the display
- **CH edit buttons (1-4/5)** — Select the channel you want to modify using the T1 rotary selector and display-related editing controls
- **FX mute buttons (1-4/5)** — Bypass the Mod, Delay and Reverb effects on the selected channel



- **Volume controls (1-4/5)** — Adjust the volume level for the respective channel
- **Mute buttons (1-4/5)** — Silence the audio output for the respective channel
- **MASTER volume control** — Adjusts the overall output level

Inputs and Outputs



- **ToneMatch port** — A digital output used by the L1Model 1S and Model II systems. Also delivers power to the T1 audio engine from the L1 Model 1S and Model II power stands. Accepts the included ToneMatch cable

- **Power switch** — Turns the T1 audio engine on or off
- **IN** — Analog input channels 1-3. Accepts XLR balanced cables for microphones, or 1/4" TRS balanced or TS unbalanced cables for high-impedance inputs such as guitars
- **USB port** — A USB interface that allows you to connect the T1 to your computer. This feature enables you to stream audio to/from your computer, update the T1 and back up performance scenes
- **Preamp OUT** — Preamp outputs for channels 1-3. Accepts 1/4" TRS balanced or TS unbalanced cables
- **Master output** — User-definable analog output. Can be configured for a pre- or post-master volume analog output. Accepts 1/4" TRS balanced or TS unbalanced cables
- **Aux output** — User-definable analog output. Can be configured for a pre-fader, post-EQ, and effects or post fader output. Accepts 1/4" TRS balanced or TS unbalanced cables
- **Line IN** — Analog input channels 4/5. Accepts 1/4" TRS balanced or TS unbalanced cables for line-level inputs. Can be used for stereo input signals

Technical information

Mechanical

Dimensions:8.22" (L) x 6.52" (W) x 2.66" (H)
 208.9mm (L) x 165.5mm (W) x 67.6mm (H)
 Weight:2.14 lb (0.97 kg)

Electrical

A/D and D/A conversion:.....24 bits
 Sampling rate:48 kHz
 USB:1.1 protocol, Type A to Type B cable
 PC requirements:Microsoft Windows 2000, 2000 Pro, XP