

## CS-DUO DUAL MIX PERSONAL MIXER

### FEATURE OVERVIEW

Designed with both volunteer and professional users in mind

Two discrete personal monitor mixes per unit

24 channels with DSP and also DSP on master output

Rugged frame with clearly labeled functions

LCD touchscreen, tactile knobs and channel select buttons

The Livemix CS-DUO is simple to use and full of professional features. The LCD touchscreen with custom naming makes creating a mix easy. Dedicated knobs provide quick access to essential features.



The Livemix CS-DUO is two personal mixers in one. With two mixers per unit, you can reduce your overall per node cost without sacrificing quality or functionality.

The CS-DUO provides 24 channels plus accessory channels, each with EQ and compression. The master output features EQ, compression and reverb. MirrorMix<sup>®</sup> remote setup and mixing, mute and solo options and channel grouping make the Livemix system deep enough for professionals, but simple enough for volunteers.

### CS-DUO

Output Power & THD+N	@22Ω	200mW @ 1% THD+N
		100mW @ .03% THD +N
	@32Ω	250mW @ 1% THD+N
		100mW @ .014% THD +N
	@64Ω	250mW @ 1% THD+N
		100mW @ .005% THD +N
@300Ω	130mW @ 1% THD+N	
	100mW @ .003% THD +N	

Frequency Response	20 Hz - 22 kHz ± 3 dB
S/N Ratio	103 dB
Input Impedance (Aux In)	7.5kΩ
Crosstalk (Left to Right)	-103 dB

Max Cable length from MIX-16/MIX-32	100m CAT5e (recommended)
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Filter Q	High pass & Low pass	.707
	Peak/Dip	1.2
Filter Cut/Boost Amount	± 6 dB	
Ambient Mic Gain	25 dB	
Dimensions	8.2" (208mm) W	
	6" (152mm) D	
	1.594" (49mm) H	
Weight	1.9 lbs (0.86kg)	

### FOR ORDERS CONTACT:

sales@digitalaudio.com

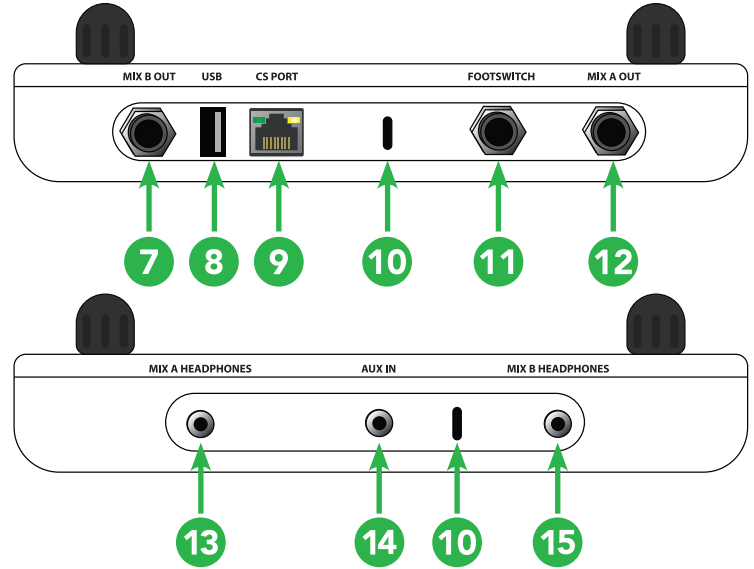
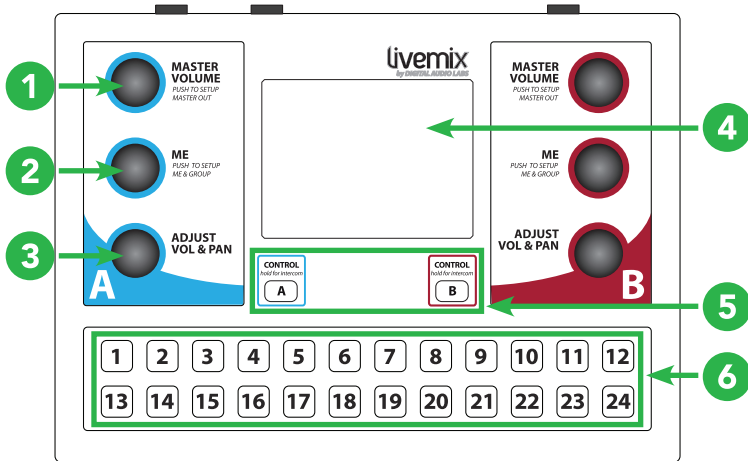
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### DIGITAL AUDIO LABS

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**1. MASTER VOLUME KNOB**

**2. ME KNOB:** Adjust the volume of the assigned ME group.

**3. ADJUST VOLUME & PAN KNOB**

**4. COLOR TOUCHSCREEN**

**5. CONTROL BUTTON:** Selects A or B MIX for adjusting. Press and hold to activate intercom.

**6. CHANNEL SELECT BUTTONS**

**7. MIX B OUT:** 1/4" jack output for B MIX. Configurable for stereo headphone or balanced mono operation.

**8. USB PORT:** Load/Save personal mixes and global templates. Use for firmware updates.

**9. CS PORT:** Port for connecting to MIX-16 or MIX-32.

**10. AMBIENT MICROPHONES**

**11. FOOTSWITCH CONNECTOR:** Connect optional FP-2 foot pedal for hands-free mixing.

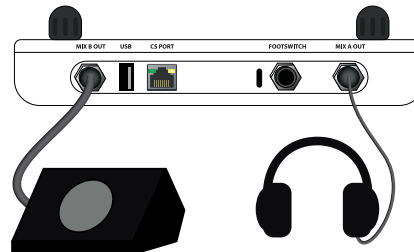
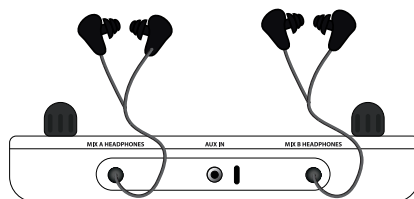
**12. MIX A OUT:** 1/4" jack output for A MIX. Configurable for stereo headphone or balanced mono operation.

**13. MIX A HEADPHONES:** 1/8" headphone output for A MIX.

**14. AUXILIARY INPUT:** Connect a media device for sharing audio in rehearsals or performances.

**15. MIX B HEADPHONES:** 1/8" headphone output for B MIX.

## CONNECTING THE CS-DUO TO OUTPUT DEVICES



**CS-DUO DUAL MIX PERSONAL MIXER FEATURES**

<b>FEATURE</b>	<b>BENEFIT</b>
12-Channel overview on LCD touchscreen	Quick and easy identification of channels
Color LCD Touch Screen	Informative displays with direct interaction
Illuminated channel and buttons	Quick identification of currently selected channel
Custom channel naming	Select instrument or singer by custom name
Continuous rotary/push switch knobs (3 per mix)	Quick and easy adjustment of different settings
ME Group plus 4 additional channel groups	Allows for quick volume adjustments of logical groups such as drums, background vocals, etc.
Two discreet mixes per unit	Allows the personal monitor mixer to be shared by two users, saving money, cabling and stage space
Built-in stereo ambient microphones	Allows the ambient sound of the stage and audience to be included in each personal mix
Built-in Intercom	Easy communication with other band members on the stage or in the studio
Auxiliary Input	Connect a media device for sharing audio in rehearsals or performances
Built-in metronome	Provides tempo and timing reference for all users
Power and audio over single network cable	Reduces stage clutter and simplifies setup
24 Channels of input audio	Less sub-grouping is required, allowing for greater mix customization
EQ & Dynamics presets on every channel	Sweepable EQ, High Pass Filtering and Compression Settings allow you to craft the channel's sound
EQ, Dynamics & Reverb on the master output	Fine tune the overall sound of your mix
MirrorMix <sup>®</sup> Remote Mixing	Experienced users can connect to a remote mixer, hear and adjust mixes and push out mix settings
Save/Load individual mixes to/from USB	Allows users to bring previously perfected mixes to rehearsals or the next venue
High gain headphone amplifier	Provides clean, great-sounding audio quality
Mute and Solo on each channel	Check the sound of an individual instrument, as well as mute the channel in a mix
Optional foot pedal for hands-free mixing	Adjust volume and select channels while keeping your hands on your instrument
Option to link A and B mixes	Allows both sets of knobs to control the same mix, when a CS-DUO is used for a single performer
¼" Balanced mono output option	Allows output to powered floor monitors