

**CS-SOLO**  
PERSONAL MIXER

FEATURE  
OVERVIEW

Designed with both volunteer and professional users in mind

Connect two CS-SOLO units to one MIX-16/MIX-32 port

24 channels with DSP and also DSP on master output

Rugged frame with clearly labeled functions

LCD touchscreen and tactile knobs

The Livemix CS-SOLO 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 CS-SOLO 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.

To maximize stage mixes, connect two CS-SOLO units to a single port on the MIX-16 or MIX-32. The first mixer is the blue "A MIX" while the second unit will be the red "B MIX". Power and audio is supplied to the second CS-SOLO over a network cable connected to the CS-SOLO THRU port.



**CS-SOLO**

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 (shielded recommended)
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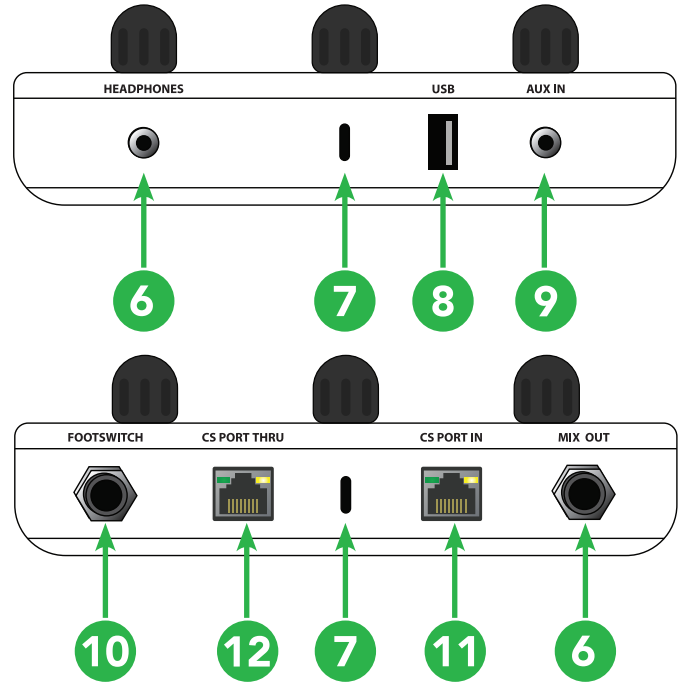
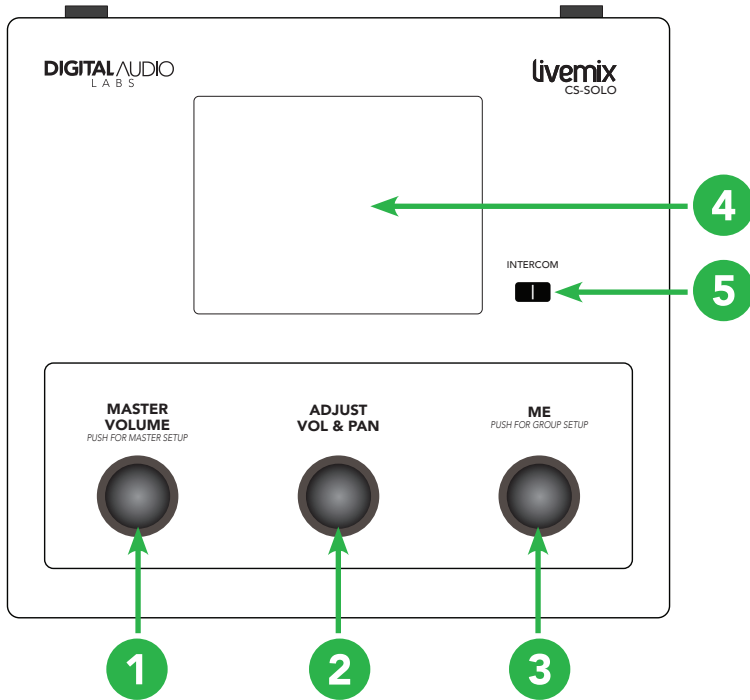
Filter Q	High pass & Low pass	.707
	Peak/Dip	1.2
Filter Cut/Boost Amount	± 6 dB	
Ambient Mic Gain	25 dB	
Dimensions	6.5" (165mm) W	
	6" (152mm) D	
	1.94" (49mm) H	
Weight	1.5 lbs (0.68kg)	

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**1. MASTER VOLUME KNOB**

**2. ADJUST VOLUME & PAN KNOB**

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

**4. COLOR TOUCHSCREEN**

**5. INTERCOM BUTTON:** Press and hold to activate intercom.

**6. HEADPHONES:** 1/8" and 1/4" jack output for mix. Configurable for stereo headphone or balanced mono operation.

**7. AMBIENT MICROPHONES**

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

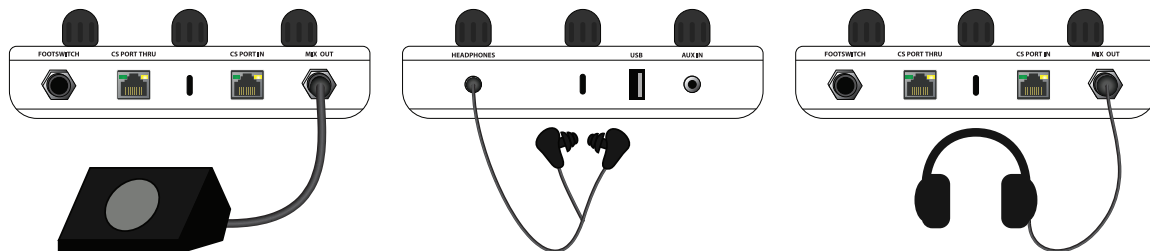
**9. AUXILIARY INPUT:** Connect a media device for sharing audio in rehearsals or performances.

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

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

**12. CS PORT THRU:** Port for connecting to another CS-SOLO.

## CONNECTING THE CS-SOLO TO OUTPUT DEVICES



**CS-SOLO 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
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.
CS Thru Port	Connect to one additional CS-SOLO
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 your mix
Optional foot pedal for hands-free mixing	Adjust volume and select channels while keeping your hands on your instrument
¼" Balanced mono output option	Allows output to powered floor monitors