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Using the Headphone Jack on the Ui Mixer as 2 Additional Aux Outputs

Rating ★★★★★ | 1 <u>Technical Support Guide</u>

The Ui mixer's headphone jack(s) can be used for 2 additional AUX outputs. The Ui12 and Ui16 use both jacks. Ui24 allows selectable patching.

A special cable must be used in this configuration. Because you are routing out through a Stereo headphone jack, the signal will be unbalanced with 1 Aux mix on the headphone's Left channel and another Aux mix on the headphone's Right channel. A ¼" TRS to Dual Mono unbalanced XLR cable needs to be purchased or created. This will connect the Hot or Pin 2 of the first XLR to the Tip of the ¼" jack and Pin 2 of the 2nd XLR will connect to the Ring on the ¼" jack. Sleeve, or ground of the ¼" jack will connect to both Pin 1 and Pin 3 on <u>both</u> XLR connectors. The connection is unbalanced so the length should not exceed 20 feet.



Tip will connect to Pin 2 of the first XLR male. Ring will connect to Pin 2 of the second XLR male. Sleeve will connect to both Pins 1 & 3 on both XLR males. Ui12 and Ui 16 will send the extra 2 Aux signals from BOTH headphone jacks. You can set the headphone jack to be the mixer's extra 2 Auxes in Settings/Settings. Under Global: Headphones Out, select AUX.

MIX/GAIN EDI	T AUX SENDS		_	_	=	- hit = 1	7
				NETWORK ACCESS	SHOWS SETTINGS	ABOUT 0.0	ыв '
GLOBAL:							
HEADPHONES OUT:	MASTER/SOLO AUX						۲
SOLO ROUTING:	DISABLED MASTER					ĨĒ	
SOLO MODE:	SINGLE MULTIPLE						
SOLO TYPE:	AFL PFL					-12	
RECORD MODE:	32 bit 24 bit 16 bit					-24	
GLOBAL AUX SEND POINT:	PRE PROCESSING POST PROCESSING						T
GUI PERFORMANCE:		SYNC S	ELECTED CHANNEL				
FRAME RATE:	FULL 1/2 1/3 1/4	OFI	ON			-0	
DISABLE RESCALING:	OFFON	SYNC ID:	SYNC_ID			50	
DISABLE LED METERS:	OFFON						
LOCAL:							
MASTER LOCK:	OFF ON		N22 7723			-70	
METER QUANTISATION:	OFF ON	BUTTON FUNCTION					
FADER GLOW:	OFF THIN NORM	UPDATE CURRENT SNAPSHOT	$\begin{array}{c} 0 \\ 0 \\ 0 \\ \end{array}$				
DISABLE VU INPUT LEVEL:	OFF	PLAY	Õ			10 29	
DISABLE VU PEAK:	OFF ON	RECORD	\bigcirc			LR	0

Ui24R will allow patching to either channel of either headphone jack. Under Settings/Patching, select HW OUTS on left and MASTERS on top.

Notice the normal patch with the 2 headphone busses connected to the 2 headphone jacks.

	MIX/GAIN	EDIT 🏠	AUX SENDS	FXSENDS	Þ 🧕		_	_	_	_	_	_	_	1	🗖	Init =	Ui
												NETW	DRK ACCE	SS SHOWS	SETTINGS	PATCHING	ABOUT
< BACK	HW	INS US8-4	USB-DAV 1-16	V USB-DAW 17-32	CASCADE INS 1-16	CASCADE INS 17-32	MASTERS			ulus-st	la di bi					50	UNDCHECK
													HD1L	HD1R			
CHANNELS																\rightarrow	MASTER L
			+														AUX 1
HW OUTS																	AUX 2
CASCADE																\rightarrow	AUX 3
OUTS					The second se	-										→	AUX 4
SOUNDCHECK						Í		-									AUX 5
																	AUX 6
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																\rightarrow	H1L
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																\rightarrow	
																	H2R

To patch the extra Auxes, select those aux outs to either sets of headphone outputs. It is best to pick as a pair, selecting 1 connection on each jack would not work with this cabling.



To return to default, click the PATCH 1:1 button at bottom left.

Note: The levels coming from the headphone jack are at a different level then typical line signals because they

are intended to drive headphones. Please use caution when turning up the headphone levels to avoid distortion or damage to equipment.

Downloads

Product

Soundcraft Soundcraft -> Mixer -> Ui Series

Ui

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