

Input Specifications

Input Connector	Gain	Input Impedance	Appropriate Impedance	Sensitivity*	Rated Level	Max. Before Clipping	Connector Specifications
MIC INPUT (CH 1-2)	-60	3 k Ω	50–600 Ω mic	-72 dBu (0.195 mV)	-60 dBu (0.775 mV)	-40 dBu (7.75 mV)	XLR-3-31 type (balanced)
	-16			-28 dBu (30.9 mV)	-16 dBu (123 mV)	+4 dBu (1.23 V)	
LINE INPUT (CH 1, 2)	-34	10 k Ω	600 Ω line	-46 dBu (3.88 mV)	-34 dBu (15.5 mV)	-14 dBu (155 mV)	Phone jack (TRS) (balanced [T: hot; R: cold; S: ground])
	+10			-2 dBu (0.616 V)	+10 dBu (2.45 V)	+30 dBu (24.5 V)	
ST CH MIC INPUT (CH3(L)/CH4(R), CH5(L)/CH6(R))	-60	3 k Ω	50–600 Ω mic	-72 dBu (0.195 mV)	-60 dBu (0.775 mV)	-40 dBu (7.75 mV)	XLR-3-31 type (balanced)
	-16			-28 dBu (30.9 mV)	-16 dBu (123 mV)	-10 dBu (245 mV)	
ST CH LINE INPUT (CH3(L)/CH4(R), CH5(L)/CH6(R))	-34	10 k Ω	600 Ω line	-46 dBu (3.88 mV)	-34 dBu (15.5 mV)	-14 dBu (155 mV)	Phone jack (unbalanced)
	+10			-2 dBu (0.616 V)	+10 dBu (2.45 V)	+30 dBu (24.5 V)	
ST CH INPUT (CH7(L)/CH8(R), CH9(L)/CH10(R))		10 k Ω	600 Ω line	-22 dBu (61.6 mV)	-10 dBu (245 mV)	+10 dBu (2.45 V)	Phone jack (unbalanced); RCA pin jack
CH INSERT IN (CH 1, 2)		10 k Ω	600 Ω line	-20 dBu (77.5 mV)	0 dBu (0.775 V)	+20 dBu (7.75 V)	Phone jack (TRS) (unbalanced [T: out; R: in; S: ground])
AUX RETURN (L, R)		10 k Ω	600 Ω line	-12 dBu (195 mV)	+4 dBu (1.23 V)	+24 dBu (12.3 V)	Phone jack (TRS) (unbalanced [T: hot; S: ground])
2TR IN (L, R)		10 k Ω	600 Ω line	-26 dBV (50.1 mV)	-10 dBV (316 mV)	+10 dBV (3.16 V)	RCA pin jack

Where 0 dBu = 0.775 V and 0 dBV = 1 V

* Input sensitivity: the lowest level that will produce the nominal output level when the unit is set to maximum gain.

Output Specifications

Output Connectors	Output Impedance	Appropriate Impedance	Rated Level	Max. Before Clipping	Connector Specifications
ST OUT (L, R)	150 Ω	10 k Ω line	+4 dBu (1.23 V)	+20 dBu (7.75 V)	Phone jack (TRS) (impedance balanced [T: hot; R: cold; S: ground])
AUX SEND (1, 2)	150 Ω	10 k Ω line	+4 dBu (1.23 V)	+20 dBu (7.75 V)	Phone jack (TRS) (impedance balanced [T: hot; R: cold; S: ground])
CH INSERT OUT (CH 1, 2)	150 Ω	10 k Ω line	0 dBu (0.775 V)	+20 dBu (7.75 V)	Phone jack (TRS) (unbalanced [T: out; R: in; S: ground])
REC OUT (L, R)	600 Ω	10 k Ω line	-10 dBV (316 mV)	+10 dBV (3.16 V)	RCA pin jack
C-R OUT (L, R)	150 Ω	10 k Ω line	+4 dBu (1.23 V)	+20 dBu (7.75 V)	Phone jack (TRS) (impedance balanced [T: hot; R: cold; S: ground])
PHONES	100 Ω	40 Ω phone	3 mW	75 mW	Stereo phone jack

Where 0 dBu = 0.775 V and 0 dBV = 1 V

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European models

Purchaser/User Information specified in EN55103-1 and EN55103-2.

Inrush Current: 3A

Conforms to Environments: E1, E2, E3 and E4