

6-SERIES COMPARISON CHART

FEATURE	688	664	633
Description	12 input, 16-track mixer/recorder with MixAssist and optional SL-6 Powering and Wireless System	12 input, 16-track mixer/recorder	6 input, 10-track mixer/recorder
MIXER			
Digital Mixing, Processing and Routing	✓	Analog	✓
SuperSlot Wireless Receiver Integration	via optional SL-6	--	--
Total Inputs	12	12	6
Mic / Line Inputs	6	6	3
Line Only Inputs	6	6	3
AES42 Digital Mic Inputs	2	2	1
AES3 Inputs	2 (4ch)	2 (4ch)	1 (2ch)
MixAssist (Automatic-mixer)	✓	--	--
48V Phantom	✓	✓	✓
HPF	80 - 240 Hz (analog and digital)	80 - 240 Hz (analog only)	80 - 240 Hz (analog and digital)
Input Limiters	Pre/Post Fade (analog and digital)	Pre/Post Fade (analog only)	Pre/Post Fade (analog and digital)
Output Limiters	✓	✓	✓
Input Linking (Stereo and M/S)	All input pairs	Pairs 1-2, 3-4, 5-6	Pairs 1-2, 5-6
Slate Mic	Built-in and External	Built-in and External	Built-in
Tone Osc	✓	✓	✓
Bus Outputs	8 (L,R, X1-X6)	4 (L,R, X1-X2)	6 (L,R, X1-X4)
AES3 Digital Outputs	4 (8ch)	4 (8ch)	2 (4ch)
Transformer-balanced XLR / Hirose Outs	✓	✓	--
Headphone Outputs	2	2	2
2ch Camera Send/Return, 10-Pin Hirose	2	2	--
2ch Return, 1/8"	1	1	1
Dedicated Com Return	✓	✓	--
Tape Out	1	2	--
Input Delay	0 - 30 mS	--	0 - 30 mS
Output Delay	0 - 417mS	--	0 - 417 mS
Hardware Faders	Ch 1-12	Ch 1-6	Ch 1-6
Hardware Trim Controls	Ch 1-6 (1-12 with CL-6)	Ch 1-6	Ch 1-3
Hardware LR Pan Controls	Ch 1-6	Ch 1-6	Ch 1-3
Hardware PFL Controls	Ch 1-12	Ch 1-12	Ch 1-6
Hardware Trim Control of Digital Ins	Ch 1 and 6	--	--
Metering	3 meter views, customizable	3 meter views, customizable	3 meter views, customizable
LR plus 12ch Vertical Metering	✓	--	--
RECORDER			
Recording Media	CF, SD	CF, SD	CF, SD
Tracks	16	16	10
Max Sampling Rate	192kHz	48.048kHz	192kHz
Max Bit Depth	24	24	24
Max Pre-roll Time	6s	6s	6s
Audio File Formats	Wav Poly, Wav Mono, MP3	Wav Poly, Wav Mono, MP3	Wav Poly, Wav Mono, MP3
Reel, Scene, Take, Notes, Phrases, Tracks	✓ (iXML, bEXT)	✓ (iXML, bEXT)	✓ (iXML, bEXT)
Sound Report Creation	✓	✓	✓
TIMECODE			
Hi-Precision Ambient Generator / Reader	✓	✓	✓
Word Clock Sync Reference	✓	✓	--
POWERING			

PowerSafe	✓	--	✓
QuickBoot	✓	--	✓
Power Source	EXT DC, 5x AA, NP1 (from SL-6)	EXT DC, 5x AA	EXT DC, 6x AA, 2x L-Mount
Integrated Power Distribution	4x DC Outs, USB Charging Port (with SL-6)	--	--
OPTIONAL ACCESSORIES			
SL-6 Powering and Wireless System	✓	--	--
CL-6 Input Controller	✓	✓	--
Carry Bag	CS-664	CS-664	CS-633