

# TASCAM MiNiSTUDIO CREATOR US-42 Personal production and online broadcast studio

	MINiSTUDIO Personal US-32	MINiSTUDIO Creator US-42
Sampling frequency	44.1k/48k/88.2k/96kHz	
Quantization bit rate	16/24bit	
Analog audio inputs		
<b>MIC IN</b>	IN 1	IN 1-2
Connector	XLR-3-31(1:GND, 2:HOT, 3:COLD), BALANCED	
Input impedance	2.4k ohms	
Maximum input level	+7.7dBV (2.427Vrms)	
Gain	45dB	
<b>INST IN</b>	–	UNBALANCED IN 1
Connector	–	6.3mm(1/4")TS-jack(T■HOT, S■GND), UNBALANCED (When set to "INST" at MIC/LINE/INST switch)
Input impedance	–	1M ohms
Gain	–	45dB
<b>MIC IN (Plug-in Power)</b>	3.5mm(1/8") 4-pole mini jack/3.5mm (1/8") mini jack	
Input Impedance	5k ohms or more	
Gain	45dB	
<b>LINE IN</b>	3.5mm(1/8") stereo mini jack	
Input Impedance	5k ohms or more	
Maximum Input Level	+7.7dBV (2.427Vrms)	
<b>MIC 2</b>	Omnidirectional Condenser Mic	–
<b>ANALOG AUDIO OUTS</b>		
<b>LINE OUT</b>	–	Stereo RCA Jacks
Output impedance	–	200k ohms or more
Nominal output level	–	-10dBV (0.316Vrms)
Maximum output level	–	+6dBV (1.995Vrms)
<b>PHONES</b>		
Connector	1/4" Stereo Phone-jack/ 3.5mm(1/8") 4-pole mini jack/3.5mm (1/8")Stereo mini jack	
Maximum output level	15mW+15mW above (Less than THD+NO.1%,32Ωloaded)	
<b>CONTROL INPUT/OUTPUT</b>		
<b>USB</b>	USB B-type 4-pin	
Format	USB2.0 High Speed (480MHz)	
DC IN 5V	USB Micro B type	
<b>AUDIO PERFORMANCE</b>		
Frequency response		
	(To PHONE OUT)	(To LINE OUT)
44.1k/48kHz	20Hz to 20kHz 0/-1dB (PHONE OUT, JEITA)	20Hz to 20kHz 0/-1dB (LINE OUT, JEITA)
88.2k/96kHz	20Hz to 40kHz 0/-3dB (PHONE OUT, JEITA)	20Hz to 40kHz 0/-1dB (LINE OUT, JEITA)
EIN	Less than -113dBu (150 ohm terminated, volume max)	Less than -120dBu (150 ohm terminated, volume max)
THD+N	Less than 0.008%/	Less than 0.005%

<b>S/N ratio</b>	90dB or more (MIC IN to PHONE OUT, volume min, JEITA)	100dB or more (MIC IN to LINE OUT, volume min, JEITA)
Crosstalk	95dB or more (MIC IN to PHONE OUT, 1kHz, JEITA)	95dB or more (MIC IN to LINE OUT, 1kHz, JEITA)