

# TASCAM CG-2000 Video Sync/Master Clock Generator/Broadcasting and post production

	CG-2000	CG-1800	CG-1000
Inputs			
<b>VIDEO INPUTS</b>			
Connector	BNCx2(A/B)	BNC	-
Input level	0.5Vp-p to 2.0Vp-p		-
Input impedance	75ohm (ON/OFF selectable by menu)		-
Input signal			
SD video black burst	NTSC(29.97), NTSC B/W(30), PAL(25)		-
HD video tri-level			
720p	50, 59.97, 60		-
1080p	23.976, 24, 25, 29.97, 30, 59.94, 60		-
1080i/psf	23.976, 24, 25, 29.97, 30		-
Allowable frequency deviation	+/-10ppm		-
<b>WORD/EXT INPUTS</b>			
Connector	BNCx2(A/B)	BNC	
Input level	0.5Vp-p to 5.0Vp-p		
Input impedance	75ohm/50ohm(75/50/OFF selectable by menu)		
Supported frequencies			
WORD CLOCK	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz		
ATOM	10.0 MHz		
GPS	10.0MHz		
Allowable frequency deviation	+/-50ppm		
<b>AES3/11 INPUT</b>			
Connector	XLR-3-31(1:GND, 2:HOT, 3:COLD)		
Input level	0.2Vp-p to 10Vp-p		
Input impedance	110ohm		
Format	AES11-2003, AES3-2003, IEC60958-4		
Supported frequencies	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz		
Allowable frequency deviation	+/-50ppm		
<b>CALIBRATION INPUT</b>			
Connector	BNC		
Input level	0.5 to 5.0 Vp-p		
Input impedance	50ohm(ON/OFF selectable by menu)		
Supported frequencies			
ATOM	10.0 MHz		
GPS	10.0MHz, PPS		
Outputs			
<b>VIDEO OUTPUTS</b>			
Connector	BNCx4(1-4)		-
Output level	1.3Vp-p		-
Output impedance	75ohm		-
Output signal			
SD video black burst	NTSC(29.97), NTSC B/W(30), PAL(25)		-
HD video tri-level			
720p	50, 59.97, 60		-

1080p	23.976, 24, 25, 29.97, 30, 50, 59.94, 60			-
1080i/psf	23.976, 24, 25, 29.97, 30			-
<b>WORD OUTPUTS</b>				
Connector	BNCx12(1-12)			
Output level	1.0Vp-p to 3.5Vp-p (adjustable in 0.5V steps by menu)			
Output impedance	75ohm			
Supported frequencies	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz 1/4xFs, 1/2xFs, 1xFs, 2xFs, 4xFs, 256xFs (Only OUTPUTS 11-12)			
<b>AES3/11 OUTPUTS</b>				
Connector	XLR-3-31(1:GND, 2:HOT, 3:COLD)x2(1-2)			
Output level	2.5Vp-p			
Output impedance	110ohm			
Format	AES11-2003, AES3-2003, IEC60958-4			
Supported frequencies	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz			
<b>S/PDIF OUTPUTS</b>				
Connector	RCA pin jacks x2(1-2)			
Output level	0.5Vp-p			
Output impedance	75ohm			
Format	IEC60958-3			
<b>ALARM OUTPUT</b>				
Connector	6-pin Euroblock connector			-
Output level	Open collector			-
Transmission method	Parallel			-
Output impedance	10ohm			-
Withstand voltage	20V			-
Maximum current	35mA			-
USB A data transfer use by a USB flash drive				
Connector	4-pin type B			
Protocol	USB2.0 High Speed (480Mbps)			
Power supply rating	DC5.0V, 0.2A			
Internal oscillator performance				
<b>TYPE</b>				
OCXO				
frequency accuracy	+/-0.01ppm(factory default value)			
frequency stability	+/-0.005ppm / day			
Power	AC100V to 240V, 50/60Hz			
Power consumption	14W	11.5W		10W
Dimensions	483(W)x45(H)x310(D)mm			
Weight	3.3kg	3.2kg		3.1kg
Operating temperature range	0■C to 40■C			
Included accessories	Power cordsx2, rackmounting screw kit, operation manual (with warranty)		Power cords, rackmounting screw kit, operation manual (with warranty)	