

## SPECIFICATIONS

	200N	200P	200PM	200PN	200PD
Color BAR	75%White, Yellow,Cyan,Green,Magenta, Red,Blue,and Black				
Staircase	8 equal Steps from white to black level				
crosshatch	15(V) - 11(H) White-lines				
RF output	CH0 or CH3	CH0 or CH4	CH3	CH4	
Video output	1 Vpp 75 ohm				
Scanning	Interlace				
Line frequency	15734HZ	15625HZ	15734HZ	15625HZ	
Number of lines	525	625	525	625	
Field frequency	60HZ	50HZ	60HZ	50HZ	
Sync polarity	Negative				
Sub-carrier frequency	357959MHZ	440619MHZ	3579511MHZ	3580568MHZ	4403619MHZ
Sound carrier frequency	4.5MHZ	B.G(5.5MHZ) I(6MHZ)	4.5MHZ	6.5MHZ	
Sound Modulation	FM Internal 1KHZ				
Audio output	1 Vpp Sine Wave				
Power Supply	7.5VDC 110VAC	7.5VDC 220/240VAC			
Weight	300 grams				
Dimensions	90W x 40H x 155D(mm)				
Accessory	one video/audio cables, AC adaptor.				

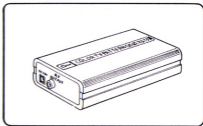
CG-200P RF standard output is PAL G CH36, or PAL I CH40, or PAL B CH11.

All design and specifications are subject to change without notification as product improvements occur.

## COLOR TV PATTERN GENERATOR

CG-200N (NTSC)  
CG-200P (PAL B.G.I)  
CG-200PM(PALM)

CG-200PD(PALD)  
CG-200PN(PALN)



## FEATURES

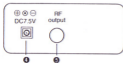
- The CG-200N/P/PM/PD/PN are color pattern generator, The CG-200N for NTSC system, CG-200P/PM/PD/PN for PAL system.
- The pattern generators include full field color bar, staircase and crosshatch pattern. A typical application is for the adjusting and servicing of TV and VTRS.
- Compact light weight and AC adaptor operated.
- RF and video/Audio output.

## FRONT PANEL



1. Pattern select
2. Video output
3. Audio output

## REAR PANEL



4. DC power supply 7.5V input
5. RF output

## TEST PATTERN

1. Crosshatch

15 vertical and 11 horizontal lines. is used for checking and realigning, focus, linearity, pin-cushion, and static, dynamic convergence.



2. Staircase

a full-screen linear staircase signal with 8 equal steps from white to black is used to check linearity of the video amplifier or grey-scale setting, and adjust white balance.



3. Standard color BAR

THE vertical BARS are white, yellow cyan, green, magenta, red, blue and black.

THE color bar pattern provides sufficient information for a good overall check on color performance, including checks on burst keying, sub-carrier, regeneration, RGB amplifiers, delay color versus B/W signal and saturation.



## CONNECTION DIAGRAMS

