

THE BIG PRICE BREAKTHROUGH IN COLOR MONITOR



HD-55

High Resolution

Features:

- Displays 2,000 characters text in color.
- Provides cleaner and sharper image in 16 colors.
- Operates with IBM color graphic adaptor.
- A color/green/amber selectable switch is provided on the rear panel.
- Use high contrast, non-glare screen.
- Provides 360° swivel and 30° tilt base for human engineering purpose.

Specifications:

CRT: Non-glare 14"
 Dot Pitch: 0.39mm (0.31mm)
 Video Bandwidth: 21 MHZ
 Resolution: 640x240 Non-interlaced.
 Display Color: 16 colors
 Mono Switch: Green/Amber
 Horizontal Frequency: 15.75 KHZ
 Vertical Frequency: 60HZ
 Display Size: 248mm x 186mm
 Signal Level: RGB TTL positive
 Input Connector: 9 pin D-shell cable plug directly to IBM PC

HD-66

Enhanced Color Display

Features:

- Displays "monochrome display quality" (8x14 character box) text in color
- Provides much clearer & sharper picture in much more colors
- Operates with the IBM Enhanced Graphics Adapter or Color/Graphics Monitor Adapter
- Uses a high-contrast, non-glare larger screen
- A color/green/amber control knob is provided on the rear panel
- Provides the ergonomic viewing by adjusting the tilt/swivel base

Specifications:

CRT: Non-Glare 14"
 DOT PITCH: 0.31mm
 BAND WIDTH: 25 MHZ
 RESOLUTION: 720 x 350
 DISPLAY COLORS: 64 Colors
 MONO SWITCH: Green/Amber
 HORIZONTAL FREQUENCY: 22KHZ/15.75KHZ
 VERTICAL FREQUENCY: 60HZ (non-interlaced)
 DISPLAY SIZE: 240mm x 180mm
 SIGNAL LEVEL: RGB TTL
 INPUT CONNECTION: 9 PIN D-Shell



TW CASPER CORPORATION

21 FL., NO. 123, CHUNG HSIAO E. RD., SEC. 2,
 TAIPEI, TAIWAN
 TLX: 14446 CASPER FAX: (02) 396-3346
 TEL: (02) 397-1188

U. S. A. OFFICE:

2153 O' TOOLE AVE.,
 SUITE E SAN JOSE,
 CA. 95131 U. S. A.
 TEL: (408) 922-0188
 FAX: (408) 922-0999

12610 HOOVER ST., GARDEN
 GROVE, CA. 92641 U. S. A.
 TEL: (714) 893-6500
 (714) 893-6760
 FAX: (714) 893-7741



CASPER

TE5153 • 5154

HIGH RESOLUTION COLOR DISPLAY MONITORS

- IBM PC, PC/XT, PC/AT COMPATIBLE

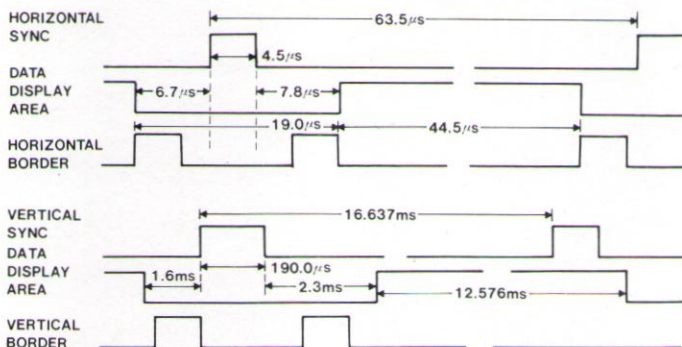


TE5153 SPECIFICATIONS

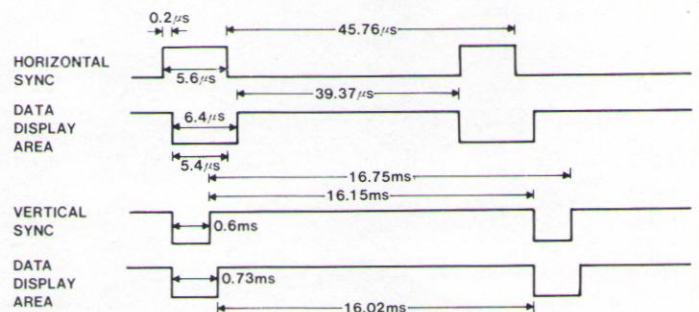
TE5154

		TE5154	TE5153	REMARK
PICTURE TUBE		14" Diagonal, 90° Deflection P22, Non-Glare, Tint Dot Pitch: 0.31mm	14" Diagonal, 90° Deflection P22, Non-Glare, Tint Dot Pitch: 0.42mm	
INPUT SIGNAL	Mode 1	R, G, B, I Direct Drive TTL, Positive	RGB Direct Drive Video-TTL, Positive	
	Mode 2	R, G, B, R', G', B', Direct Drive TTL, Positive		
INPUT CONNECTOR		9Pin D-Connector	9Pin D-Connector	
SCANNING FREQUENCY	Mode 1	H 15.75 KHz	15.75 KHz ± 200Hz	
		V 50 ~ 60 Hz	47 ~ 60 Hz	
	Mode 2	H 21.85 KHz		
		V 50 ~ 60 Hz		
ACTIVE VIDEO PERIOD	Mode 1	H 44.5 μsec	44.5 μsec	
		V 12.576m sec	12.576m sec	
	Mode 2	H 39.37 μsec		
		V 16.02m sec		
ACTIVE DISPLAY AREA	Mode 1	H 245mm	245mm	
		V 185mm	185mm	
	Mode 2	H 245mm		
		V 185mm		
RESOLUTION	Mode 1	640 Dot (H) x 200 Line (V)	640 Dot (H) x 200 Line (V)	
	Mode 2	640 Dot (H) x 350 Line (V)		
DISPLAY COLOR	Mode 1	16 Colors	16 Colors	
	Mode 2	64 Colors		
MISCONVERGENCE		Data area: 0.5mm Border area: 0.7mm	Data area: 0.7mm Border area: 1.0mm	
POWER SUPPLY		117/220V, 50/60Hz	117/220V, 50/60Hz	
AMBIENT TEMPERATURE		5°C ~ 40°C (Operation) 0°C ~ 60°C (Storage)	5°C ~ 40°C (Operation) 0°C ~ 60°C (Storage)	
LINEARITY DISTORTION		10% Max For Any Adjacent Characters		
GEOMETRIC DISTORTION		20% Max For Any Characters On Screen		
EXTERNAL CONTROL		10%		
WEIGHT		Power On/Off, Brightness, Contrast, V-Size		
		NW 14Kgs GW 16Kgs	NW 14kgs GW 16kgs	

MODE 1 INPUT TIMING CHARTS



MODE 2 INPUT TIMING CHARTS



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TAIPEI, TAIWAN, R.O.C.
TLX: 14446 CASPER FAX: (02) 396-3346
TEL: (02) 397-1188

U.S.A. OFFICE:

3012 LAWRENCE EXPRESSWAY
SANTA CLARA, CA, 95051 U.S.A.
TEL: (408) 735-0888
FAX: (408) 735-9617