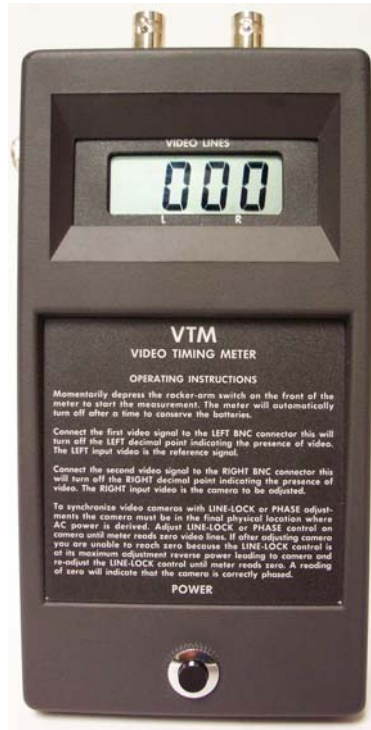


# VTM

## VIDEO TIMING METER



The VTM Video Timing Meter is used to bring CCTV cameras into synchronism so that monitors and/or recorders can be switched among cameras without causing "rolling" of the picture. The VTM is connected to a "reference camera" and the camera to be synchronized at the monitoring location. The synchronizing control on the camera to be adjusted is then turned clockwise or counter clockwise until the VTM reads 0 (zero) on the digital display. The VTM is calibrated in horizontal TV lines, so that +3 means that the camera being tested is 3 lines advanced on the "reference camera" and a VTM reading of -3 means it is 3 lines behind. The maximum delay or advance would be 262 lines, indicating that one camera is just starting an Even Frame when the other is just starting an Odd Frame. A "0" (zero) reading indicates that both cameras start a new frame at the same time thereby eliminating the possibility of a picture roll.

The VTM is a hand-held, battery operated digital display meter that requires very little training to use. Built-in displays indicate when video is received at each of the two inputs. When video is received at both the Reference and Test input, the timing error between the two video signals is automatically displayed

## SPECIFICATION

Input Video Standard	NTSC, CCTV Video B/W or color.
Display	3 digit LCD with 2 decimal Point loss of video indicators.
Range Minimum	0 horizontal lines
Range Maximum	+/-262 horizontal lines (1 Frame)
Accuracy	+/-1 count
Video Connectors	2 BNC female
Power	Standard 9V alkaline Battery Optional Ni-Cad Battery optional
Dimensions	7.5" high x 4" wide x 2" depth
Accessories	Foam filled plastic carrying MC1 is optional order by part # MC1.