

VPM-1



VIDEO PRIVACY MASK

INSTRUCTION BOOK

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1. SHIPPING INSPECTION

Remove from shipping container and inspect for any shipping damage to the VPM-1. Included will be a 24VAC external power module and this instruction book.

2. HOW AND WHERE TO MOUNT THE VIDEO PRIVACY MASK

Select a position near the DVR or other equipment that needs video masking. The placement is not critical because after setting there are no routine adjustments necessary.

3. HOW TO CABLE THE VIDEO PRIVACY MASK

Connect a BNC cable from your source video to the "VIDEO INPUT" of the Video Privacy Mask. The "VIDEO INPUT" is internally terminated by a precision 75 Ohm termination to match standard video cable.

Next connect a BNC cable from one of the two "VIDEO OUTPUT" connectors on the Video Privacy Mask to the equipment you wish to have masked video supplied to. The "VIDEO OUTPUT" of the Video Privacy Mask has a 75 Ohm impedance to match standard video cable. Be sure the equipment being driven is properly terminated with a precision 75 Ohm termination to insure correct video level.

4. POWER SUPPLY INSTALLATION

Wire the AC power module onto the green 24VAC power supply input connector, and then find a suitable 120 VAC power outlet and plug in the wall transformer. At this time the green LED located at the front of the unit should be on. Although VPM-1 is equipped with an automatic reset fuse a fused 24VAC transformer should always be used with this unit. The transformer supplied with this unit has an internal fuse.

5. SET-UP OF THE VIDEO PRIVACY MASK

The Video Privacy Mask is agile in its ability to create a masking rectangle of any size and shape then position it any where on the video image. There are four controls on the unit accessible through the front cover to control the size and position of the masking curtain. Rotate the four controls one at a time to see how the box is adjusted. One control labeled "TOP" sets to upper edge of the rectangle. The control marked "Bottom" sets the lower edge of the rectangle. The controls marked "Left" and "Right" adjust the left and right edges of the rectangle. Adjustment of these four controls will allow you to set a Privacy Mask over any part of the video image.

The "PRIVACY LEVEL" control adjusts the level of translucence of the mask curtain. You can adjust the control from a complete masking "grey box" to a translucent "shower curtain like effect partially obscuring the objects in the box. This control is adjustable to any range between these two conditions to suit your goals.

If you wish to use motion detection but do not want to see the details in the box you would set this control for a level or translucence.

6. REMOTE CONTROL OF THE VIDEO PRIVACY MASK

The remote control feature allows for an external contact closure to remove the mask from the video image. If alarm wires are attached to the unit the video mask will be removed in the event of an alarm. This connection can also be used to attach an external timer contact to remove the Privacy Mask during off hours or during special times or shifts. It is designed to accept any dry contact connection.



FEATURES

INPUT

Level
Impedance
Video Standard
Connector

OUTPUT

Level
Impedance
Video Coupling
Signal-to-noise ratio
Frequency Response
Differential gain
Differential phase
DA Channels

CONTROL

Vertical Position Selection
Horizontal Position Selection
Transparency Level
On Off Mask Gating

POWER REQUIREMENT

Power Requirement

MECHANICAL

Size
Display Indicator
Mounting

SPECIFICATIONS:

1 Volt / 140 I.R.E. Units
75 Ohm (Unbalanced)
CCTV, NTSC, Pal, B/W or Color
BNC (Female) 75 Ohm

Unity Gain (same as input)
75 Ohm (Unbalanced)
DC (Direct Current)
 $\leq 80\text{db}$ (NTSC Weighing)
DC - 10 MHz ± 0.2 dB
 $\geq 0.2\%$
 ≥ 0.2 Deg
 $\frac{1}{2}$

Dual Adjustable 0 - Full Screen
Dual Adjustable 0 - Full Screen
Adjustable 0 - Partially Obscure
Screw Terminal Contact

24VAC @ 100mA

5.50"L x 4.3"W x 3.0"D
Green "Power On" L.E.D.
Two hole mounting Plate