

INSTALLATION INSTRUCTIONS

HOME THEATER SERIES

VISION Xfv

DUAL-ASPECT MASKING FRAME SCREEN

The Vision Xfv screen is shipped fully assembled and ready for installation. Very little mounting effort and some simple electrical connections are required for a complete installation.

Study Figures 1, 2 and 3 carefully and determine the screen mounting location. A table showing the weights for various screen sizes is provided in this manual.

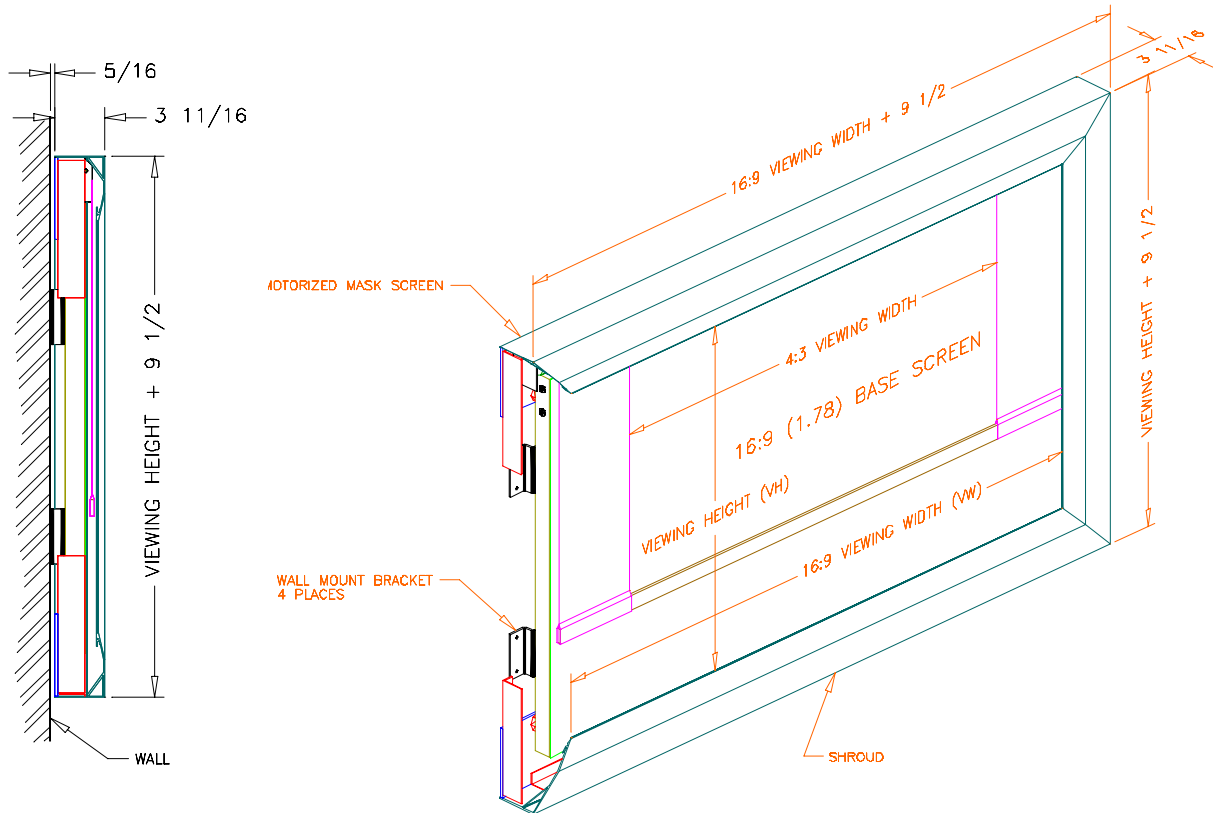


Figure 1
Side View

Figure 2
Left Shroud removed for details

It is recommended that the screen be mounted to a rigid supporting structure capable of handling the full weight of the screen. Special considerations must be given to installation onto drywall location.

NOTE: The screen must be installed with the motorized mask screen on top as shown in Figure 2. THE SCREEN WILL NOT WORK IF THE ORIENTATION IS REVERSED.



VUTEC CORPORATION

Remove the left and right Shroud to reveal the four wall-mount brackets. Place the shrouds on a clean and flat surface to protect the velvet.

Install the screen using mounting screws supplied (for wall studs installation) or other suitable fasteners applicable to this installation.

It is important that the screen must be level horizontally and plumb vertically to ensure optimum operation.

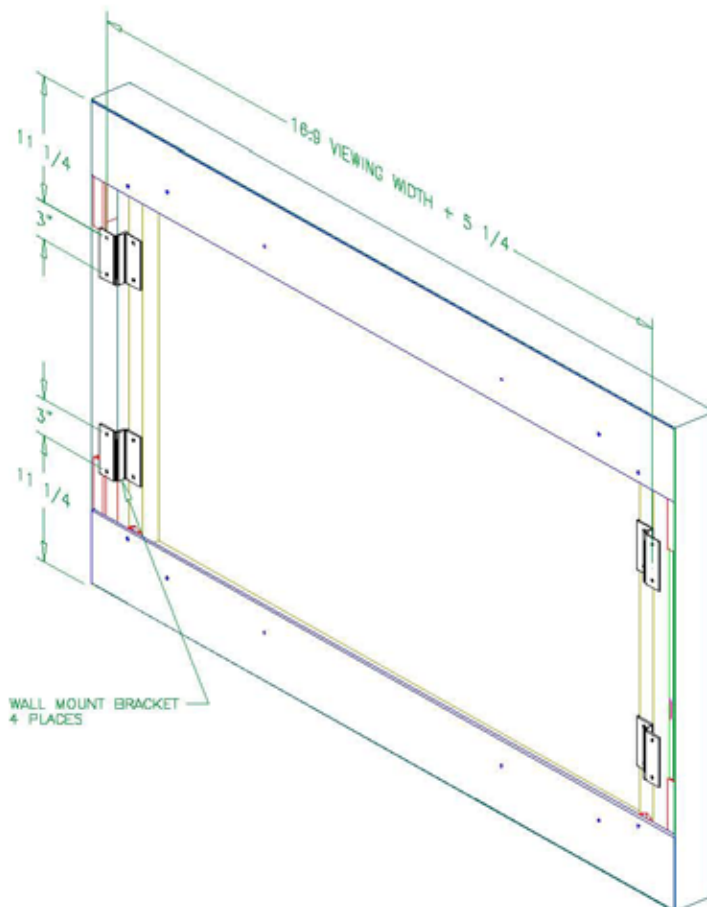


Figure 3
Rear View

Make electrical connections according to the Wiring Diagram. All electrical connections must conform to local and national electrical codes and regulations. Wiring for the mask screen motor must be of minimum 18-AWG wires.

OPERATIONS

The base screen of the Vision XfV is usually a 16:9 (1.78:1 HDTV) aspect ratio when the masking strips are not shown.

Turn on the DOWN switch to send the masking strips down; a new aspect ratio is formed and this is usually a 4:3 (1.33 standard TV) format.

Turn on the UP switch to send the masking strips up; the base screen (16:9) is back in its original form.

AUTOMATION SYSTEM HOOKUP

The Vision XfV screen can be controlled by any home automation systems that support I/O control capability. Automation systems such as those made by Crestron, Panja, Lexicon etc. have the requirements for controlling the screen as mentioned. Contact the dealers for further details.

The motor that drives the masking strips is rated at 120VAC, 1Amp, 110 Watts. This motor can not be switched directly by the contacts of the automation systems. There are two options to overcome the contact-switching problem.

The first option is to use a 12VDC triggering relay (P/N R12V-U) and a 12VDC, 100mA minimum power supply (not supplied). The masking strips UP and DOWN operations are controlled by simply switching the low voltage 12VDC ON and OFF. This approach uses a single maintained contact for operation.

The second option is to use an IR single channel kit (P/N IR-1CHANKIT). There are two ways the automation systems can control the operations of the masking strips. First, the automation systems capture and operate the operational codes of the IR kit. Second, the automation systems control the low-voltage switch inputs of the IR kit. This approach uses two momentary contacts for operations.

ACCESSORIES INCLUDED

- 1 *SPDT DECORA WALL SWITCH***
- 8 *1/4 DIA X 2" LG. LAG SCREW***