



TX™ SERIES Model TX-MVX Manual Video Switch

ANYWHERE YOU NEED...

- Manual Switching of Video
- Open-Collector Switching of Video
- 2 x 1 Video Selection
- 1 x 2 Video Routing
- Operation with NTSC or PAL
- Remote Controlled Video Switching



You Need The TX-MVX!

The TX-MVX is part of the group of versatile TX series products from Radio Design Labs. TX series features the advanced circuitry and high quality connectors for which RDL products are known. The ultra-compact TX series can be mounted in limited space using the adhesive methods popularized by RDL's STICK-ON[®] series. The TX-MVX may be mounted directly to a backboard using optional mounting brackets available from RDL. Rack-mounting is possible using the TX-RA5 Rack Mount Kit.

APPLICATION: The TX-MVX is the ideal choice in installations where either a manual switch or an open-collector must switch video signals. Video **A** is normally connected to Common. When the **TRIG** terminal is pulled to ground, Video **B** is connected to Common and Video **A** is disconnected. The TX-MVX utilizes a high quality RF relay allowing the module to either switch a single video source to one of two destinations, or switch two video sources to a single video destination. The actual switch (or other module actuating the switch action) may be located remotely from the TX-MVX.

Many RDL modules feature an open-collector **TRIG** control terminal. These terminals may be used to control the TX-MVX. Alternatively, relay contacts on other equipment may also be used to control the TX-MVX. For example when used with other RDL modules, the TX-MVX could switch video:

- Using audio detection (ST-ACR) from an external audio source
- Using video detection (TX-VCR) from another video source
- At a prescribed time during a power-up sequence (RU-SQ6)
- From logic signals (ST-LCR)
- Using wall-mounted remote controls (RT2 or RC2-ST)

Use the TX-MVX individually in NTSC or PAL systems, or combine it with other RDL RACK-UP[®], STICK-ON[®], TX, or FLAT-PAK™ series products as part of a complete audio/video system.

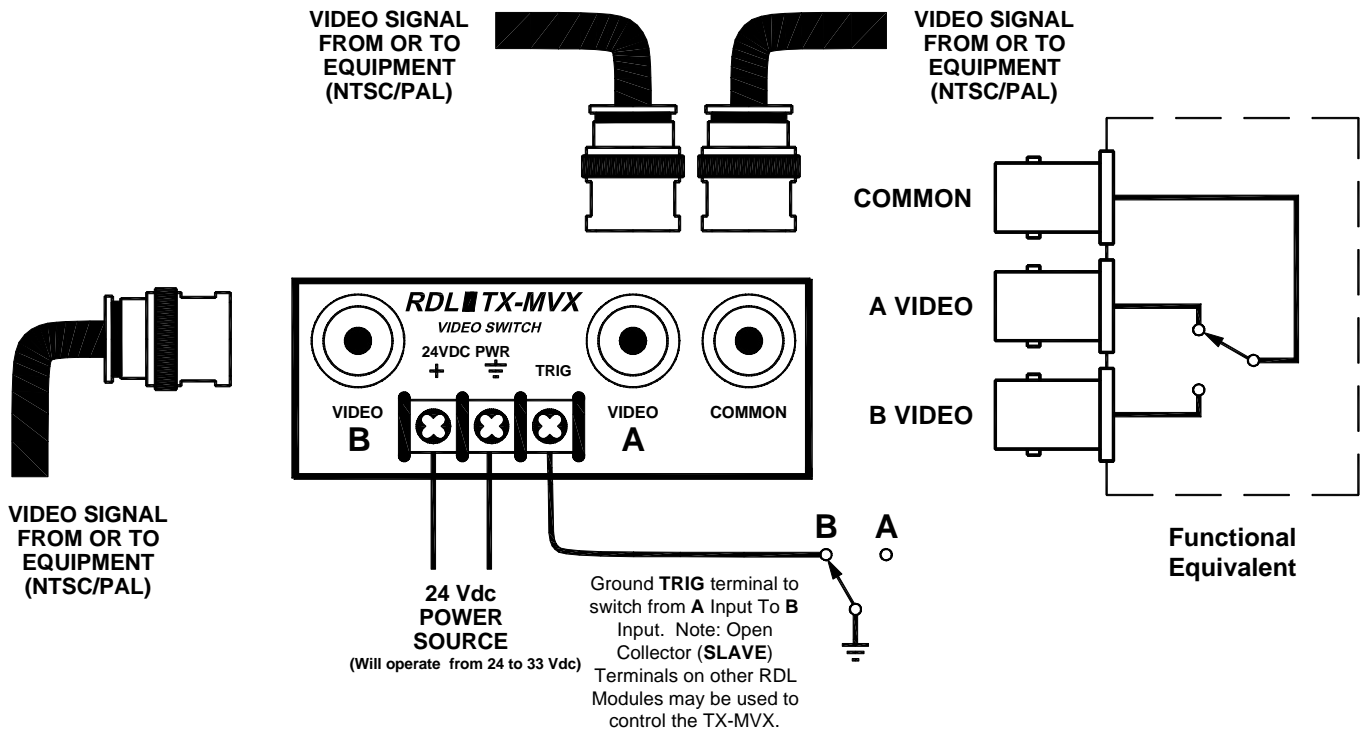


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Installation/Operation



EN55103-1 E1-E5; EN55103-2 E1-E4
Typical Performance reflects product at publication time exclusive of EMC data, if any, supplied with product. Specifications are subject to change without notice.



TYPICAL PERFORMANCE

| | |
|-----------------------|--|
| Input(s), Output(s): | BNC, Ground-referenced |
| TRIG Input Current: | 2 mA |
| TRIG Input Threshold: | 2 Vdc |
| Power Requirement: | 24 to 33 Vdc @ 30 mA, Ground-referenced |
| Mounting: | Bottom mount using adhesive strips provided; mounts directly to a flat surface using optional mounting brackets; rack-mounts using TX-RA5 Rack Adapter |
| Dimensions: | Height: 1.4 in 3.6 cm Length: 3.0 in 7.6 cm Width: 1.2 in 3.0 cm |