



## Multi-circuit Selector Switch

**Performance:** The MC-10 is the truly professional way to provide access to as many as 4 intercom circuits at a remote location. A headset station (belt pack) plugged into the 3-pin XLR on the MC-10 will be connected to the circuit chosen by rotating the selector switch. This make-before-break rotary switch connects the belt pack to the new circuit before disconnecting it from the current one - providing a smooth, squeal-free transition. A capacitor is provided to isolate the circuit ground from true ground, helping to eliminate “pop” and RF interference. The selector switch is factory set for 2 circuits but may be changed to 3 or 4.

Circuit cabling is connected to the MC-10 via 12-position screw-terminal strips on the rear of the PC board. Either side may be used to connect the circuits, with the other side then being used to cable onwards to the next location, if required. The normal configuration assumes that all connected circuits are powered by the same power supply or master station. Therefore the terminals relating to pins one and two of the XLR are common across the four circuits. In the event that the location being served needs to switch between two or more completely separately powered

systems, links on the PC board may be removed with a sharp blade. When the links have been removed, all three connection points (X, L & R) are then switched. (For a fuller discussion of intercom cabling ask us for the application note on that topic.) The MC-10 is designed to fit in a standard single-gang electrical box. Where conduit and outlet boxes are not available, the MC-10 will fit perfectly into a Wiremold® surface mount box. Wiremold products are readily available in electrical supply and most hardware stores.

**Durability:** Only the best available parts are used in assembling the MC-10, including a make-before-break switch rated at 10,000 cycles and a best-quality Neutrik® XLR connector.

**Value:** The MC-10 costs no more than conventional switch plates consisting of low-cost toggle switches and budget XLRs.

**Compatibility:** The MC-10 is compatible with Clear-Com® and other popular headset intercom systems.



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