Wherever there's a show...

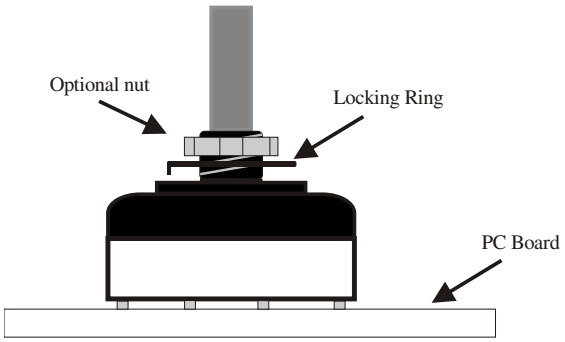
Production Intercom

Operating Instructions

Changing the number of positions available on multi-circuit stations

Multi-circuit stations, including LS-3M, LS-3MT, LS-3MR, HS-1M, HS-1MT and the MC10 are fitted with switches like the one shown here. For many years we set these switches at the factory to allow access to 4 circuits. More recently, we have become aware that by far the majority of these stations were being used in two circuit systems. We now set them for two.

Its is important to restrict the number of accessible positions to ones that are actually connected to a circuit. Otherwise, when the operator dials up an open position, the station will become unstable and begin to squeal, possibly quite loudly. We try now to ask each customer how they want the station set up, but we won't always have that information in time to make the change, and the station could be used in a new and/or different configuration. Most customers will probably want to return the unit to the factory to be reset, which we will do without charge, but if you have the desire, the skills, and the tools to do it yourself, here are the steps to follow:



1.Turn the selector switch counter-clockwise as far as it will go, and *do not change this again until the station is fully re-assembled.*

2. Pry the small round cap off the top of the selector control knob. This will reveal a small brass nut. Rotate the nut counter-clockwise while holding the body of the knob in place. One full turn should loosen the knob sufficiently to pull it off the switch shaft.

3. Pull the volume control knob off its shaft. This knob does not have the collet mechanism of the selector switch. It is simply pressed onto a shaft which is flattened on one side.

4. Carefully noting which connector goes where, unplug the two brown Molex® connectors which connect the PC board(s) to the front panel XLR connector. On LS-3 models, also unplug the Molex® connector for the loudspeaker.

5. Carefully remove the four screws which hold the printed circuit board(s) onto the front plate. In the case of LS-3 versions, do not lose the small white spacers which keep the two PC boards apart. Also in the case of LS-3s, *the two boards do not have to be disconnected from one another*. If you do so, be very careful not to bend the gold pins which connect the boards electrically.

5. You now have access to the font of the selector switch. There may or may not be a nut on the threaded part of the switch shaft. If there is, remove it and the lock washer under it. If there is no nut, there may be a small portion of the plastic body of the switch which has been melted to hold the locking ring in place during installation. An X-acto® knife will remove this.

6. Lift the locking ring which has a small tab that fits into one of the numbered openings on the switch body. Reinstall the ring with the tab inserted in the appropriately numbered slot. They are hard to see, but they are numbered.

7. Reverse the process.

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