

Electro-Voice

MICROPHONES

ELECTRO-VOICE, INC.
Buchanan, Michigan

TECHNICAL DATA SHEET No. 86

MODEL 328, 428

The  Electro-Voice microphone switch is designed to mount on any standard microphone and base which has 5/8"-27 threads. Switch is a blade type, single-pole double-throw, actuated by the plastic lever. Also available in double-pole double-throw switch. By removing the aluminum shield, the switch terminals are readily accessible for soldering.

SHORTING.

In normal position, one circuit is closed, the other open. It may be connected as follows:

For "shorting" switch, connect the microphone cable as shown in Fig. 1 or Fig. 2. When switch is pressed, contacts will open and microphone will work.

The two lower contacts which "make" when switch is pressed provide an independent circuit for operating a relay control. When these are used, merely solder control wires as shown in Fig. 3. It is desirable to run microphone cable under shield to keep it from interfering with the operation. If shielding is adequate, leads may be cabled.

MULTIPLE MICROPHONES.

In instances when multiple microphones are used into the same amplifier input, the shorting connection on one microphone will short them all. In this instance, the relay connections should be used as shown in Fig. 4.

If the switch is used to break into inductive circuit of any sizeable load, care should be taken to bypass the circuit at its source, to prevent excessive arcings.

