



# Mounting Instructions

## PRINCIPLES OF OPERATION

The inner scale of the Model 11 Multidial is graduated in fiftieths of a turn. The outer scale (read through the viewing window) counts the number of turns (0 to 10) that have been completed.

Example: If the numeral in the window reads 7 and the inner scale reads 22, the reading is 7 turns plus  $\frac{22}{100}$  of the eighth turn. In the case of a 10-turn potentiometer, this equals 72.2 % of 10 turns.

Each complete revolution of the inner scale transfers the outer scale numerals in the window. Numeral transfer on the outer scale occurs between 97 and 0 on the inner scale. If two numerals appear in the window at the instant of transfer, read the lower of the two.

## MOUNTING INSTRUCTIONS

The following instructions apply when the Model 11 Multidial is used on a 1/8" panel in conjunction with Spectrol 500 or 800 series potentiometers or rotary components:

1. Drill a 0.063" (1.6 mm) diameter hole 0.375" (9.52 mm) below the horizontal centerline of potentiometer mounting hole.
2. Mount the potentiometer or component to the panel.
3. Turn the shaft of the potentiometer against its counterclockwise stop.
4. Turn the inner scale of the Model 11 Multidial so that "0" appears in the viewing window and the inner scale reads higher than 10.
5. With the braking lever released (in the counterclockwise position) slip the Model 11 Multidial over the potentiometer shaft. The locating lug on the multidial should enter the hole drilled in the panel.
6. Seat the Model 11 Multidial lightly against the panel.
7. Turn the inner scale counterclockwise slowly until "0" of the inner scale is opposite the index mark. Then tighten the set screw firmly against the potentiometer shaft.
8. The dial is now ready to operate.

