

## SYNCRON MODEL AU-7a CONDENSER MICROPHONE

Here is your Model AU-7a condenser microphone, an American made product of the highest quality, the first microphone to successfully employ the Field Effect Transistor.

The condenser, or electrostatic microphone, has long been recognized as the most faithful sound transducer available. It has revolutionized the recording industry and is invariably the choice wherever premium sound pickup is the requirement. In fact, the condenser microphone is used in the scientific field as a standard measuring tool against which all other types of microphones are judged.

The Synchron AU-7a utilizes the full potentials of the capacitive transducer principle, ie: broad, smooth frequency response, low distortion, and superior transient response to produce a beautiful, startlingly clear reproduction of the sound picture. All this is accomplished within a single self-contained unit employing the latest in electronic and solid state technology. Nothing is needed external to the unit except the cable which is furnished.

### MICROPHONE CABLE

The 20 foot cable supplied terminates in a seven pin microphone connector. Three of the pins carry the balanced audio signal from the microphone. The remaining pins are used to complete the internal battery circuits. The microphone is therefor turned on by insertion of the connector. After insertion into the receptacle in the microphone body, screw the connector flange onto the threaded bushing to insure positive connection. Although battery drain is minimal, when finished with the AU-7a at the end of a recording session or an operating day, it is advisable to disconnect the connector to minimize battery drain.

The opposite end of the cable is left blank because of the large variety of connectors users are likely to employ. A standard two wire, shielded audio cable is used and this may be extended to hundreds of feet without any degradation of quality. One of the big advantages of the self contained feature of the AU-7a is that cable extensions are not expensive.