



SYNCRØN

AU-7a CONDENSER MICROPHONE

Here, at last, is an American made, high quality condenser microphone that can be used with the ease of a dynamic. No external power supply, connect the cable and it's ready to go.

- Public Address Engineers will want to consider its use for high quality P.A. systems.
- Broadcasters and Recording Studios will be able to increase their quality microphone inventory at a fraction of usual costs.
- Audiophiles can now get "condenser" sound without having to pay the price of previous condenser microphones.

CHECK THESE IMPORTANT ADVANTAGES OF THE AU-7a

- ✓ The first really self contained condenser microphone (no awkward power supply to contend with). Over 2500 hours battery life through the use of standard, low cost Mallory mercury cells.
- ✓ Cardioid pattern, offering a front to back ratio of better than 20 db, makes the AU-7a well suited to difficult sound pick-up tasks including high quality public address systems.
- ✓ Rugged Mylar diaphragm provides smooth frequency response with total absence of annoying peaks.
- ✓ Single transistor amplifier, built with missile grade components, assures high reliability in the field. The entire amplifier module is potted in silicone rubber to protect the components against shock and moisture.
- ✓ Low noise and distortion plus high output level gives maximum sensitivity and outstanding clarity of sound.
- ✓ The balanced output of 50 or 200 ohms is easily interchangeable by means of miniature patch cords with gold plated plugs.
- ✓ The AU-7a connector is multi-pinned and functions as a switch to turn the microphone on or off. There is no possibility of leaving on when not in use.
- ✓ The multi-pin connector is also designed to provide for an auxiliary power supply for continuous operation.
- ✓ A miniature auxiliary power supply is available (after January 1) for the continuous operations that might be required by radio and television installations.
- ✓ The 25' of standard two-wire, shielded cable is equipped with the AU-7a connector one end and the other end stripped and tinned for the connector of your choice.
- ✓ Built in swivel permits tilting through 130 degrees.
- ✓ The AU-7a is packaged in a solid walnut case and comes complete with cable and instruction manual.
- ✓ SYNCRØN service department guarantees absolutely fresh cells, from its unique revolving manufacturing stock, within 24 hours of receipt of order.
- ✓ All repairs and replacements of parts within 24 hours.
- ✓ Fully guaranteed against all defects in materials and workmanship.

SYNCRØN CORPORATION

10 GEORGE ST., WALLINGFORD, CONN. Phone-Area Code 203/269-4465

SYNCRØN AU-7a Microphone



The AU-7a, with a rugged epoxy finish of tan and satin chrome, packaged in an attractive walnut case, comes complete with the following:

Complete set of batteries

25 feet of cable, microphone connector one end, other end stripped and tinned for the connector of your choice.

Technical Data

FREQUENCY RANGE: 30-18000 cps,
 ± 2.5 db

DIRECTIONAL CHARACTERISTICS: Cardioid,
20 db Front to back ratio

OUTPUT LEVEL: -45 dBm
(referred to 10 dyne/cm²)

DISTORTION: Less than 0.5%
at 100 dyne/cm²

EQUIVALENT NOISE: Less than 20 db S.P.L.

BATTERY LIFE: 2500 hours

LENGTH: 9 $\frac{3}{4}$ "

DIAMETER: 1 $\frac{7}{8}$ "

WEIGHT: 1 lb. 7 oz.

PRICE: 169.50

Frequency Response

