

# INSTRUCTION SHEET

TEN-TEC model 708 and 708A Communications Microphone.

## GENERAL

TEN-TEC models 708 and 708A are uni-directional dynamic microphones designed for use as a communications station microphone for Amateur Radio and other transmitting applications. The unit consists of a metal die-cast base (plastic bottom cover) with 3 position PTT switch with momentary TX, OFF, and LOCK positions, flexible metal gooseneck, dynamic microphone element and ball-type element housing. The element has tailored frequency response from 30 Hz to 12 kHz designed for excellent transmit audio in SSB, AM, and FM modes.

Model 708 and 708A are identical. The connection cable is supplied with either a 4-pin (model 708) or 8-pin (model 708A) microphone connector installed. Model 708 is suitable for use with 4-pin equipped TEN-TEC transceivers models 516 Argonaut V, 535 Argonaut II, 536 Delta II, 560 Corsair, 561 Corsair II, 562 Omni-V, 563 Omni-VI, 564 Omni-VI Plus, 565 Orion, 585 Paragon, 586 Paragon II. Model 708A is suitable for use with the TEN-TEC model 566 Orion II, and many Yaesu HF transceivers.

## INSTALLATION AND OPERATION

Attach the connection cable to the transceiver microphone jack. Momentary PTT operation is accomplished by pushing the switch on the base of the microphone forward away from the operator into the TX position. Hold to continue transmitting. Release to stop. The microphone can be locked 'on' in PTT operation by pulling the switch on the base towards the operator (marked on the base as LOCK). To release, press the switch forward to the center position.

The microphone element in the model 708/708A is always 'live' for VOX operation. For VOX operation on a TEN-TEC transceiver, activate the VOX circuitry and then speak into the microphone. It is not necessary to move the PTT slider switch to the TX or LOCK positions.

## SPECIFICATIONS

TYPE: Uni-directional dynamic microphone.

FREQUENCY RESPONSE: 30-12000 Hz

SENSITIVITY: -67 dBV (0 dBV = 1V/uBar @ 1 kHz)

OUTPUT IMPEDANCE: 600 ohms

CASE: Die-cast base top, molded plastic base bottom panel, flexible metal gooseneck, ball-type element housing.

FINISH: Black, painted

DIMENSIONS: Height with gooseneck fully extended, maximum 14 1/2 in. (36.8 cm), base 2 in. (5 cm) H x 4 3/4 in. (12 cm) W x 6 1/4 in. (15.9 cm) D.

WEIGHT: 1 lb., 14 oz. (850 g).

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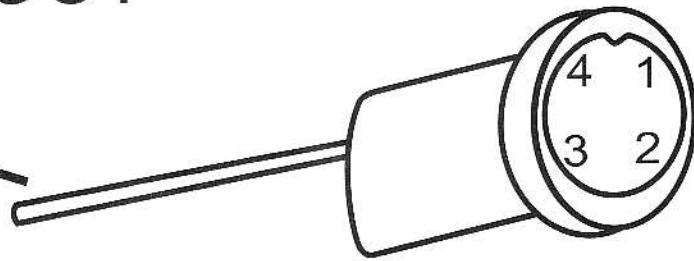
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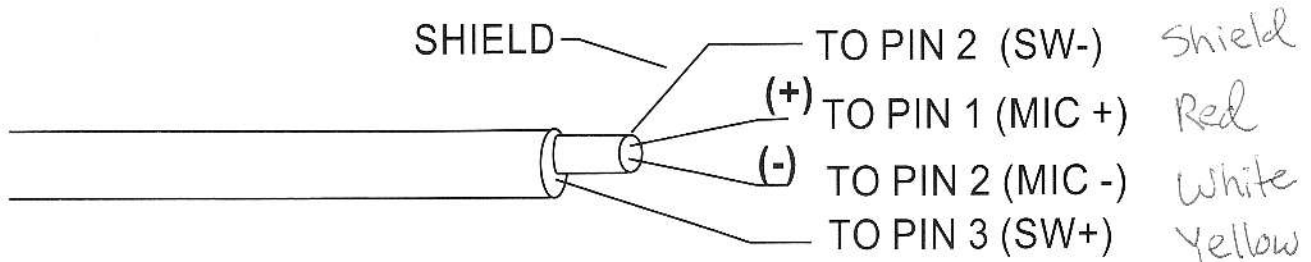
part # 74414

## 4 PIN MIC PLUG PIN OUT

CABLE TO  
MIC BASE



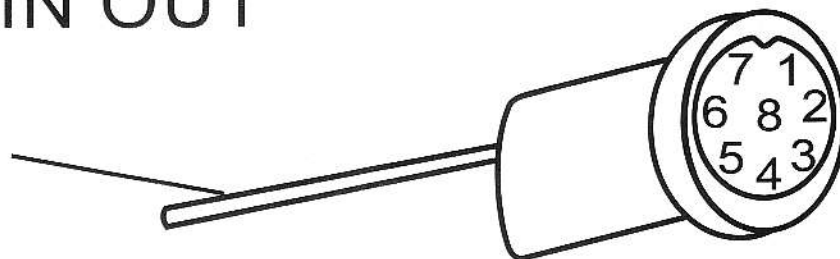
## 4 PIN MIC PLUG



PIN 4 NO CONNECTION

## 8 PIN MIC PLUG PIN OUT

CABLE TO  
MIC BASE



## 8 PIN MIC PLUG

