

602T

DYNAMIC AVIATION MICROPHONE

- Highly reliable
- EMI and RFI Protected
- Greater Durability
- Lightweight
- Different connectors available
- Three mounting options
- Coiled cord
- 3 years warranty
- FAA TSO approved



The 602T is a handheld dynamic microphone designed for highly articulate speech transmission under high ambient noise.

The 602T is the result of a continuous study of the needs of the communications industry so that it uniquely meets the specialized requirements of airline, two-way radio and industrial applications. The 602T is a transistorized, pressure-gradient microphone utilizing three sound entrances for reduction of inter-

facing ambient noise. The 602T is unexcelled at discriminating between near and distant sounds for maximum ambient noise rejection. The compact single stage transistor amplifier is specially stabilized and will operate uniformly from +55° C down -20° C.

SPECIFICATIONS

Type:	Amplified Dynamic
Frequency Response:	300 - 5,000 Hz
Impedance:	Matches standard aircraft carbon circuitry
Sensitivity:	400 mV \pm 3 dB for 114 dB re 20u pascals
Current Drain:	12.3 mA at 8 Vdc (12-volt system) 25.0 mA at 16 Vdc (24-volt system)
Case Material:	Black ABS
Dimensions:	101.6 mm (4.0 in) length, less hanger, 72.1 mm (2.84 in) width 59.4 mm (2.34 in) depth
Weight:	325 g (11.4 oz)
Certification:	FAA TSO C58a, Category B

MODEL	CONNECTORS	MOUNTING	ITEM NO.	SAP NO.
602T Dynamic microphone	XLR-4-12C	blade hanger bracket	602-3373	F.01U.118.033
602T Dynamic microphone	PJ-068	blade hanger bracket	602-3374	F.01U.145.221
602T Dynamic microphone	PJ-068	button hanger bracket	602-3375	F.01U.118.034
602T Dynamic microphone	PJ-068	hook loop hanger bracket	602-3376	F.01U.145.223



903E

ELECTRET AVIATION MICROPHONE

- Highly reliable
- EMI and RFI protected
- Tailored voice response for high articulation per RTCA/DO-170
- Immune to aircraft generated magnetic fields
- Greater durability
- Lightweight
- Different connectors available
- Coiled cord
- Hanger bracket included
- 3 years warranty
- FAA TSO approved

The model 903E condenser handheld microphone is designed for use in high noise environments where high speech intelligibility is desired such as in aircraft cockpits, passenger cabins, control towers or terminal areas.

The electret element virtually eliminates EMI, RFI, and magnetic signals channeling the full power of your

communications system into crisp, articulate voice transmission with the RTCA frequency response.

The microphone is recommended for advanced technology air transports employing flight instrumentation systems (glass cockpits). Its proven electret technology will not decay or deteriorate in any way over extended periods.

SPECIFICATIONS

Generating Element:	Amplified Electret Condenser
Frequency Response:	300 - 5,000 Hz
Impedance:	Matches standard aircraft carbon circuitry
Sensitivity:	400 mV \pm 3 dB for 114 dB re 20 μ pascals
Current Drain:	11 mA at 8 Vdc (12-volt system), 27 mA at 16 Vdc (24-volt system)
Case Material:	Black ABS
Dimensions:	91.5 mm (3.6 in) length, less hanger, 61.0 mm (2.4 in) width, 35.6 mm (1.4 in) depth
Weight:	180 g (6.35 oz)
Certification:	FAA TSO C58a, Category B

MODEL	CONNECTORS	MOUNTING	ITEM NO.	SAP NO.
903E Electret microphone	PJ-068	blade hanger bracket	903-1341	F.01U.118.882
903E Electret microphone	XLR-4-12C	blade hanger bracket	903-1342	F.01U.118.883

North America Global HQ
Bosch Security Systems, Inc.
 Burnsville, MN
 Phone: +1 800 289 0096

Latin America Regional HQ
Robert Bosch Limitada Security Systems
 Campinas, SP, Brasil
 Phone: +55 19 2103-4282

Europe, Middle East, Africa
 Regional HQ
Bosch Sicherheitssysteme GmbH (EVI Audio GmbH)
 Straubing, Germany
 Phone: +49 9421 706-0

Asia-Pacific Regional HQ
Robert Bosch (SEA) Pte Ltd
 Singapore
 Phone: +65 6571 2808

China Regional HQ
Bosch (Shanghai) Security Systems Ltd.
 IBP, Changning District
 Shanghai, P.R.China
 Phone: +86 400 8310 669