

ASTATIC
MADE IN U.S.A.

ROAD DEVIL (RD-104E)

NOISE CANCELLING ELECTRET
POWER MICROPHONE

Description

The **ASTATIC ROAD DEVIL** (Model RD-104E) is an amplified electret noise cancelling microphone for close talking, hand held applications in CB, Amateur Radio, and SSB communications. The **ROAD DEVIL** features a high gain amplifier with electronic equalization to provide maximum talk power and intelligibility even under noisy conditions. The **ROAD DEVIL** amplifier and 6 wire cable make it compatible with all modern transceivers.

- Amplified Electret Noise Cancelling
- Electronic Equalization for Maximum Talk Power
- PC Board Ground Plane for Maximum RF Feedback Suppression
- Large External Volume Control
- Soft Molded "No-Stain" Vinyl Lip Guard
- Steel Grille Screen
- Rugged ABS Housing in Fire Red or Black
- Heavy Duty 6 Wire Cable
- Uses Standard 9 Volt Battery (Not Included)
- Works with ALL modern transceivers

Specifications

Type: Amplified Electret Noise Cancelling
Frequency Response: See Frequency Response Curve on other side
Output Level: Open Circuit, -42 dB (0 dB = 1 Volt/
microbar)
Impedance: 100 ohms (Matches all transceivers)
Connector: Available stripped and tinned or configured
with 4 pin (DX1) or 5 pin (DX2) DIN.
Cable: Six wire, five conductors, one conductor
shielded, coil cord. Can be wired to any 3,
4, 5 or 6 wire system.
Housing: Durable high impact molded Black or Fire
Red ABS
Battery: Standard 9 Volt Battery (Not Included)
Current Drain: 1.5 mA average
Size: 100 mm (3 15/16") high x 75.4 mm (3") wide
Weight: 175 grams (6.2 oz.)



ASTATIC Quality

All **ROAD DEVIL (RD-104E)** microphones are audio tested and inspected prior to shipment. Our absolute commitment to quality insures that **ASTATIC** microphones remain the **Best Value** in today's competitive industry.

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WARRANTY (LIMITED)

Astatic Radio Communication Microphones are warranted for one year from the date of purchase by CTI Audio, Inc. to be free from defects in material and workmanship. In event of such defect, product will be repaired or replaced at our option with a new unit of equal or superior value. This will be at no charge if delivered prepaid to CTI Audio, Inc. or an authorized service center, together with the sales slip or other proof of purchase. The unit will be returned prepaid. Warranty excludes exterior finish, appearance items, or malfunction due to abuse or operation under other than specified conditions. Consequential or incidental damages are excluded.

SHIPPING INSTRUCTIONS

Carefully repack the unit and return it prepaid to:

CTI Audio, Inc. (Attention: Service Dept.)
341 Harbor Street, Conneaut, Ohio 44030

If outside the United States, contact your dealer or distributor for warranty details.

ASTATIC

PURCHASE REGISTRATION

DATE PURCHASED _____ MODEL _____

* PLEASE COMPLETE AND RETURN WITHIN 10 DAYS TO CTI AUDIO, INC., P.O. BOX 120 CONNEAUT, OH 44030 *

NAME _____ ADDRESS _____

CITY _____ STATE _____ ZIP _____ PHONE NUMBER _____

PURCHASED FROM _____ ADDRESS _____

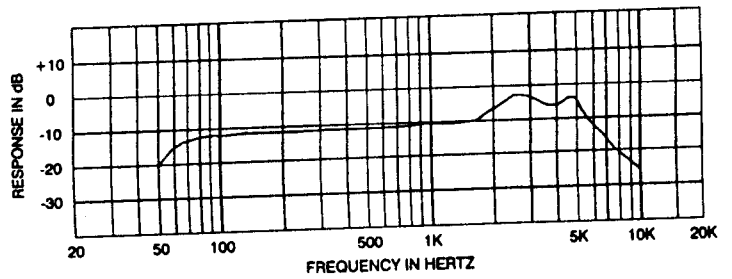
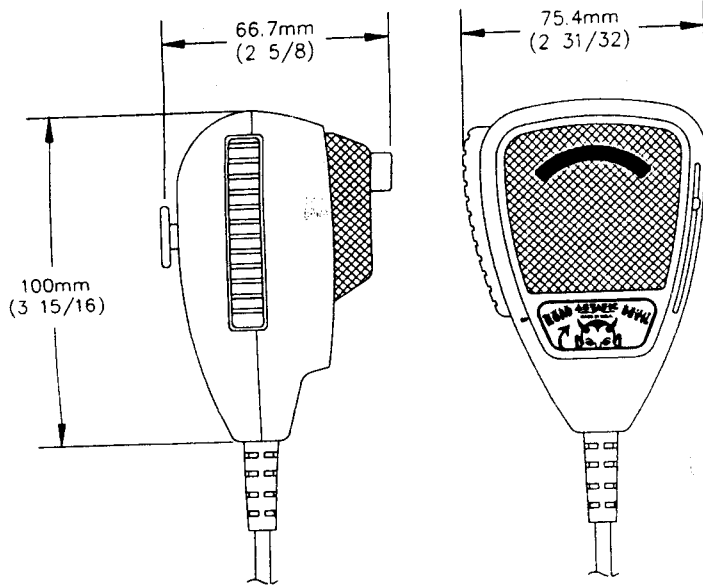
CITY _____ STATE _____ ZIP _____ PHONE NUMBER _____

APPLICATION WHERE MICROPHONE IS USED:

☐ C.B. ☐ AMATEUR RADIO ☐ LAND MOBILE, MARINE, BUSINESS RADIO ☐ OTHER

COMMENTS: (May we reprint your comments: ☐ YES ☐ NO)

SPECIFICATIONS FOR ROAD DEVIL (RD-104E)



Battery Replacement

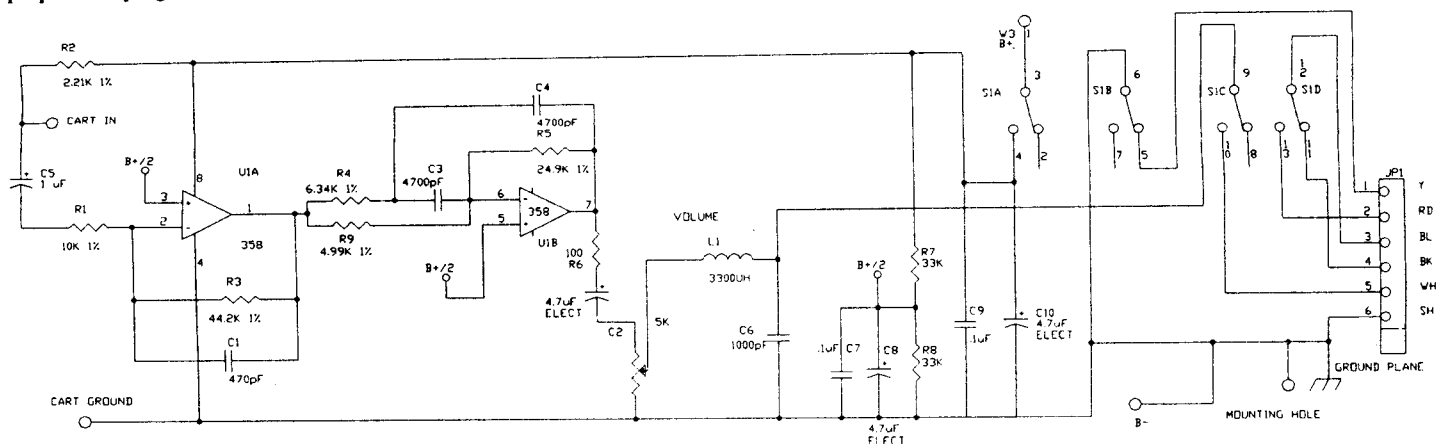
Remove the rear housing by removing the four screws. Carefully lift off the rear housing. Unsnap the battery from the battery clips located on the small vertical pc board and install a new battery. Note that the wires from the coil cord should lay on top of the battery after it is installed. Carefully replace the rear housing ensuring the gain control knob passes through the hole in the housing and fasten with the four screws previously removed. Be careful not to overtighten the four screws.

Connector-Cable Clamping

If the microphone plug you have selected for your hookup requirements does not have a cable clamp suitable for our small diameter high quality microphone cable, use tubing as supplied by **ASTATIC**. Simply slip tubing over cable prior to soldering of lead wires. Position it to ensure proper clamping of cable and tubing by the connector.

Gain Adjustments

For best noise cancelling operation, hold the microphone close to your mouth and set the mic gain as low as possible. On initial setup, it is good practice to turn gain completely down. After turning on the transmitter, slowly turn up the gain to desired modulation level.



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PLACE IN ENVELOPE AND RETURN TO:

CTI AUDIO, INC.
P.O. BOX 120
CONNEAUT, OHIO 44030-0120

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YEAR
LIMITED
WARRANTY