

# Radio Shack

Cat. No. 21-1177



## Noise-Cancelling Dynamic CB Microphone

Your Radio Shack Noise-Cancelling CB Microphone is designed for use with your CB in your vehicle, where background noise is a problem. It picks up voice frequencies spoken directly into the microphone and filters out background noise from vehicles, wind, the car radio, etc. The microphone is also ideal for a mobile or outdoor PA system.

### FEATURES

**Frequency Response** — optimized for close-up vocal use.

**Built-In Acoustic Filter** — reduces wind and pop noise.

**2-Foot Cable with 5-Pin (DIN) Connector** — for easy connection to your CB or outdoor PA system.

**Low-Impedance Operation** — lets you use your microphone with a wide range of equipment.

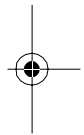
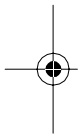
1. Push the tab on the battery compartment cover in the direction of the arrow, then lift off the cover.
2. Install the batteries as indicated by the polarity symbols (+ and -) marked inside the compartment.
3. Replace the cover.

When the **BATT. LOW** indicator lights, replace the batteries.

**Note:** The **BATT. LOW** indicator lights briefly when you release the switch on the microphone's side.

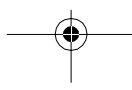
### INSTALLING THE BATTERIES

You need two AAA batteries (not supplied) to power your microphone. We recommend alkaline batteries, such as Cat. No. 23-555.



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## MOUNTING THE CLIP HANGER

You can hang the microphone on your CB's existing mounting bracket, or use the supplied clip hanger and screws.

To mount the clip hanger, use it as a template and drill two holes at the desired locations on the vehicle's dashboard. Then use the supplied screws to mount the clip hanger on the dashboard.

**Caution:** Be sure not to drill into objects behind the dashboard.

## USING THE MICROPHONE

Push the switch on the microphone's side to send a transmission. Release the switch to receive.

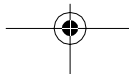
## USING THE AMP

To use the microphone's internal preamplifier, set **AMP. ON/OFF** to **ON**. Adjust **VOL.** to vary the output level of the amplifier. To turn off the amplifier, set the switch to **OFF**.

**Note:** The **VOL.** setting only affects your transmitting volume and only works with **AMP. ON/OFF** set to **ON**.

## CONNECTING THE MICROPHONE

Plug your microphone's 5-pin connector into your transmitting device's plug.



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## REWIRING THE MICROPHONE'S DIN PLUG

The following chart shows the function of the pins in the microphone cord's DIN plug. This information is provided in case you need to rewire the plug to be compatible with CB brands other than Radio Shack, or with various business band, ham, and broadcast transceivers and PA equipment.

**Important:** Do not cut the microphone's wires. If you cut any wire, you cannot obtain a refund or exchange on this product. Radio Shack will provide warranty service if you cut a wire and find the product is defective.

Pin #	Button Out (Receiver)	Button In (Transmit)
1	Shield/Ground	Shield/Ground
2	Connected to Pin 4	Floating Free
3	Floating Free	Grounded to Pin 1
4	Connected to Pin 2	Audio "Hot"
5	Grounded to Pin 1	Floating Free

**Caution:** If you are unsure about how to rewire the plug, do not risk damaging your equipment and possibly violating FCC regulations. Take your microphone, this owner's manual, and the transmitting device to your local Radio Shack store for service. Only an accurate circuit analysis can ensure proper compatibility between the microphone and the device to which you connect it.



## SPECIFICATIONS

Type .....Dynamic Microphone with Push-to-Talk Switch  
 Impedance ..... 300 ohms at 1 kHz  
 Output Sensitivity ..... -64 dB  $\pm$ 3 dB at 1 kHz with Maximum Volume  
 (0 dB = 1 V/ $\mu$  bar, Distance 0.5M)  
 Characteristic ..... Noise-Cancelling  
 Cable.....Coiled Cord with 5-pin DIN Plug  
 Battery Type ..... Two AAA Alkaline Batteries  
 (such as Cat. No. 23-555, not supplied)  
 Included Accessories ..... One Clip Hanger and Two Screws

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.



### RADIO SHACK LIMITED WARRANTY

This product is warranted against defects for 90 days from date of purchase from Radio Shack company-owned stores and authorized Radio Shack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your Radio Shack sales slip** as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

EXCEPT AS PROVIDED HEREIN, RADIO SHACK MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

*We Service What We Sell*

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