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2 Radio
Model 842
Headphone Mix & Switch

842

2 Radio Headphone Mix & Switch



Thank you for choosing the Dunestar Model 842 . With just a few steps your 2 Radio Headphone Mix & Switch system can be placed in operation.

General Information

The 842 takes headphone outputs from 2 radios and combines them into one stereo headphone set. This handy device allows you to mix or switch from one to the other. Listen to 2 bands at once and yet instantly switch full attention to one or the other, or fade one band to the other. Easy installation and operation.

Applications:

- *SO2R (Single Op 2 Radio) contest operation
- *Listen to HF band and 2M repeater simultaneously.
- *Split VHF weak signal operation 6M & 2M or 2M & 432MHz , etc.

Description:

The 842 consists of a 4- position rotary switch and potentiometer , input and output jacks mounted in an aluminum enclosure. The circuit is reliable and allows maximum flexibility with a minimum of components.

Selections:

- ***Mix** - Continuously variable from LEFT radio to RIGHT radio
- ***Left** - Left plus right phone to LEFT radio
- ***Stereo** - Left phone to LEFT radio
Right phone to RIGHT radio
- ***Right** - Left plus right phone to RIGHT radio

Dimensions: HWD 2.0 X 4.75 X 4.0 Inches, Ship Weight 1-pound

Installation

Installation is straight forward.

Inputs to the switch should be taken from the headphone jack on your transceiver. These are usually standard 1/4-inch stereo (3-circuit) jacks.

The input jacks on the rear of the 842 are 3.5mm (1/8-inch) mono and are marked "L" for LEFT radio and "R" for RIGHT radio. Two cords are required with 3.5mm plugs on one end and a plug to match your transceiver on the other. If you use stereo plugs, only the tip (and sleeve) connection is required. Shielded cable is preferred for the cords though not absolutely required.

Operation:

Set levels by plugging your headphones into the unit. Move the **SELECT** switch to the 'Mix' position. Set the **MIX** knob pointer to center position. Adjust your transceiver volume controls for equal volume in each ear.

Tune in signals on each radio, then rotate the **MIX** control left to right The level will now follow the control to one side or the other.

Moving the select switch to **LEFT**, **STEREO** or **RIGHT** will cause you to hear only **LEFT** or **RIGHT** radio or equal levels **STEREO** from left and right radio.

If you have difficulty or need additional information please feel free to contact us. Most installation questions can be handled via email or phone call.

For Updated Information and New Products
Check our Home Page on The World Wide Web
<http://www.dunestar.com>
email: sales@dunestar.com

(Note: If you are interested in IMD control for multi-transmitter operations, such as contesting and Field Day you may be interested in our multiband and single band bandpass filters and other related devices.)