

12 - CHANNEL DIGITAL RADIO TRANSMITTER

Code Setting Instructions

DESCRIPTION

The Am-Source handheld twelve-channel radio transmitter is designed to perform a number of functions. It can operate twelve individual single-channel receivers (addresses).

DIP SWITCH LOCATION See Figure 1

The DIP Switch for setting activation operation codes is located inside the transmitter next to the battery. To open the 9-volt battery access panel, gently pry up and remove. The DIP switch is a series of small, 8 rocker type switches in a row. On one side of the DIP switch next to rocker switch #1 are the words ON and OFF.

NOTE: Transmitters and receivers should be checked by the installer prior to installation to make sure that correct address codes are set for any receiver(s) to be operated.

CODE SETTING FOR 12 SINGLE-CHANNEL TRANSMITTER / RECEIVERS

DO NOT USE A PEN OR PENCIL ON ROCKER SWITCHES – THEY MAY CONTAMINATE THE DIP SWITCHES. See Figure 1

Setting “key code”

Each transmitter and each receiver has its own eight-position DIP switch. Using a paper clip or other pointed object set the DIP switches to a code you select.

The ON / OFF code you select ONLY on switches #5 – #8 must exactly match in both the transmitter and the receiver. This will be your “key code”. Switches #1 through #4 are not used for “key codes”.

If you have other twelve-channel transmitters the “key code” should be different for each transmitter.

Setting the “address code”

IN THE TRANSMITTER

DIP switches #1, #2, #3 and #4 are not used – set to OFF.

IN THE RECEIVER(S)

DIP switches #1, #2, #3 and #4 IN THE RECEIVER are reserved for setting “address codes”. Each receiver is an address and will have its own address code. By setting switches #1, #2, #3, and #4 on each receiver you can individually control twelve separate receivers (addresses) from one 12-button transmitter. Each receiver should have its own address code.

ADDRESS CODE SETTINGS:

Receiver Address	DIP switch			
	#1	#2	#3	#4
1	OFF	OFF	OFF	OFF
2	ON	OFF	OFF	OFF
3	OFF	ON	OFF	OFF
4	ON	ON	OFF	OFF
5	OFF	OFF	ON	OFF
6	ON	OFF	ON	OFF
7	OFF	ON	ON	OFF
8	ON	ON	ON	OFF
9	OFF	OFF	OFF	ON
10 (*)	ON	OFF	OFF	ON
11 (0)	OFF	ON	OFF	ON
12 (#)	OFF	OFF	ON	ON

Each of the twelve buttons on the transmitter will now activate a different receiver.

TESTING

After setting the “key code” and the individual “address code(s)” the system should be tested as a whole.

Hold the transmitter at least 6 yards away from the receiver and press a button. Activation indicates that the transmitter and receiver are operating properly and that “key” and “address” codes are properly set. Be sure that all switches are fully depressed either to ON or OFF as desired.

The transmitter sends a continuous signal as long as a button is depressed and is indicated by the lit red LED. To locate transmitter range, operate the transmitter from various locations.

If the transmitter fails to activate the receiver, check “key” and “address” codes to be sure they are matched and set properly. Be sure that all switches are fully depressed either to ON or OFF as desired.

Check the battery and replace if necessary

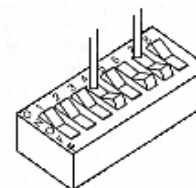


Figure 1.
Example of DIP Switch
#4, #6 and #7 are ON,
#1, 2, 3, 5 and 8 are OFF

DIP Switch Settings

The DIP switch is located inside transmitter (next to the battery)

Switches #1 through #4 are for setting “address codes” in the RECEIVERS ONLY

Switches #5 – 8 are for setting “key codes” in RECEIVERS and TRANSMITTERS

Be sure all switches are fully depressed either to ON or OFF

OPERATION

1. To operate a window treatment, press a transmitter button.
2. To stop that window treatment direction, press the same button again.
3. To reverse the direction of STEP #1, press the same button a third time.
4. If a window treatment stops by itself by reaching its most upper or lower pre-set limits the transmitter button for that window treatment must be pressed twice to operate the reverse travel operation.