TX – 1 TRANSMITTER

USER'S MANUAL

FCC ID: WVI-RDCTX1

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Overview:

The TX-1 is a radio frequency (RF) remote control designed to be used with the CX (compact) and PX (power) series digital audio receivers. The primary function of the remote is to give the operator complete control over all functions available on the receiver. The operation of this remote is explained in the next few pages.

Turning ON and Off Your TX-1 Remote Control:

To turn on your TX-1 remote control, hold down the [FN] button until you see the LEDs turn on.

To turn off your remote control, hold down the [FN] button until you see the LEDs blink and then go out. The TX-1 will automatically turn off after 5 minutes of inactivity.

Playing Sound Files

Folder Selection:

Sound files on the CX and PX series receivers are loaded by the user, in one of 10 folders labeled 0 through 9, on the receiver memory device. Each of these folders is accessible from the remote control by a key press sequence of [Sel]+[folder number].

> Example key press sequence: [Sel], [5]
> This sequence will select folder "5".
>
> **NOTE:** *Immediately after you press the [Sel] button, the LEDs will indicate the current folder you are in. If you don't want to change folders, either select the same folder, or don't press any buttons for 5 seconds, and the remote will get out of "Select" mode.*

Playing Files in a Folder:

Once you are in a folder, you can quickly play any one of 10 sounds in that folder by a single press of the numeric button that corresponds to the desired sound file number [0] through [9].

> Example key press sequence: [5]
> The receiver will start playing sound file "5" in the folder previously selected. The default folder is "0" at startup.

The LEDs on the remote allow you to quickly see the state of the receiver. In the idle state, the LEDs will indicate the last file selected for play.

Pausing a File:

You can easily pause a file in play by pressing the [Pause / Play] button while a file is being played. To start the file playing again, just hit the [Pause / Play] button one more time. It is recommended that you hold the button down until you are certain that the play or pause activity has taken place.

Volume Up / Down:

There are two arrow keys, an up arrow and a down arrow to represent the volume up and volume down respectively. To turn the volume up or down during file play, simply hold one of these two buttons down until the desired volume level is achieved.

Special Functions:

There are a variety of special functions on the CX and PX receivers that are activated by the TX-1 transmitter. Functions are assigned to most of the keys on the key pad as white lettering below the key, and are accessed by simply pressing the [FN] button and then the key with the desired function. If you simply want to know the last sent special function, press the [FN] button once and then the last sent function LED will light on the key pad. After 5 seconds the TX-1 remote will convert back to the idle state, which is the file playing state. Below is a list of the special functions assigned to each button:

Button	Special Function (**press FN key first**)
0	None
1	*Key Press Sequence:* [FN], [1] EFFECT: Effect mode, which initially shows the current effect state, then gives the user 5 seconds to select a new effect by pressing buttons [1] through [9]
2	*Key Press Sequence:* [FN], [2] Balance: Initiates balance control of the speakers, which is adjusted using the up and down keys.
3	*Key Press Sequence:* [FN], [3] SAVE: Saves the current receiver state to one of the five Px preselect states.
4	*Key Press Sequence:* [FN], [4] P1: Sets preselect 1
5	*Key Press Sequence:* [FN], [5] P2: Sets preselect 2
6	*Key Press Sequence:* [FN], [6] P3: Sets Preselect 3
7	*Key Press Sequence:* [FN], [7] P4: Sets Preselect 4
8	*Key Press Sequence:* [FN], [8] P5: Sets Preselect 5
9	*Key Press Sequence:* [FN], [9] Last: Selects that last audio file played.

Sel	*Key Press Sequence:* [FN], [Sel] Decoy 1: Toggles decoy 1 on or off.
FN	None
Pause / Play	*Key Press Sequence:* [FN], [Pause / Play] Decoy 2: Toggles decoy 2 on or off.
Down Arrow	*Key Press Sequence:* [FN], [Up Arrow] Mute: Toggles the receiver mute on or off.
Up Arrow	*Key Press Sequence:* [FN], [Down Arrow] Set V: Sets the volume to a specific setting 0 to 9 as selected by user.

FCC Statement:

The user is cautioned that changes or modifications to this equipment not expressly approved by Research & Development Corporation could void your authority to operate this equipment.

This equipment has been tested and found to comply with limits for class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to a radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

*Reorient or relocate the receiving antenna.
*Increase separation between the equipment and the receiver.
*Consult the dealer or an experienced radio / TV technician for help.

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