

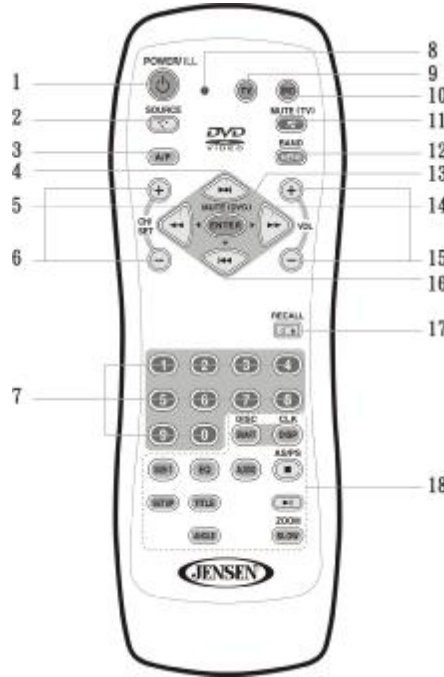
TBXPAL

Remote Operation (1)



To prevent battery leakage which may result in bodily injury or damage to the remote:

1. Install all batteries correctly, + and – as marked on the remote control.
2. Do not mix batteries:(OLD and NEW or CARBON and ALKALINE, etc.)
3. Remove batteries when the remote is not used for a long time.



TV Mode

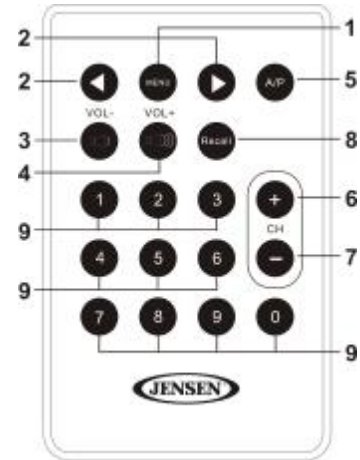
Button	Function
1. POWER	Power On/Off
3. A/P (AUTO PROGRAM)	Channel Scanning
4. / 5/J 14/J 16. (▲ ◀ ▶ ▼)	Up/Down/Left/Right
6. CH (+/-)	Channel Up/Down
7. 1/2/3/4/5/6/7/8/9/0	Numbers
8. LED	TV Mode – Red Flash DVD Mode – Green Flash
9. TV	TV Mode Selected
11. MUTE (TV)	Mutes Audio
12. MENU	OSD Menu for TV setting
13. ENTER	Select Input
15. VOLUME (+/-)	Audio Increase/Decrease
17. RECALL	Channel Return

Notes:

1. Some buttons on remote have two functions (for TV & DVD mode). When press the TV button, the remote will get in TV function mode, each time when press the TV function button, the LED will flash "RED" light. When in DVD mode, each time when press the DVD function button, the LED will flash "GREEN" light.
2. Some of buttons are designed for operating single disc DVD player, pls read the DVD manual to operate the DVD player

Remote Operation (2)

Button		Descriptions
<i>Included Remote</i>		
1	MENU	1. Press "MENU" to activate the OSD menu. 2. Press again to navigate options TUNER MODE (RF input mode) AUDIO OUTPUT (audio output mode) CHANNEL SKIP (channel skip mode) RESET : (restore to factory default value) 3. Press ◀ or ▶ to browse and select an option. OSD menu will disappear 6 seconds after no input .
2	◀ / ▶	Browse and select an option for a item in the OSD menu
3	VOL-	Decrease the volume of sound.
4	VOL+	Increase the volume of sound.
<i>JENSEN TV-specific</i>		
5	A/P	Scan all channels in CATV and AIR modes and save channels that are detected .
6	CH+	If "CHANNEL SKIP" is ON: Will tune TV to next available channel. If "CHANNEL SKIP" is OFF: Will tune TV up by one number.
7	CH-	If "CHANNEL SKIP" is ON: Will tune TV to previous available channel. If "CHANNEL SKIP" is OFF: Will tune TV down by one number.
8	Recall	Return to previous channel in the specific mode set in the "TUNER MODE".
9	0 ~ 9	Direct Input for channel number



OSD (On Screen Display) Control

MENU ITEMS	OPTIONS	DEFAULT VALUE	LAST MEMORIZED
MENU, ◀, ▶			
TUNER MODE	CABLE	AIR	YES
	AIR		
AUDIO OUTPUT	STEREO	STEREO	YES
	MAIN		
	SUB		
	MONO		
CHANNEL SKIP	ON	ON	YES
	OFF		
RESET	▶ or ◀	N/A	N/A
VOL-, VOL+			
VOLUME	Scrolling bar	medium	YES

Basic Operations

1. Power TBXPAL On

- 1-1 Feed the "+12VDC" power supply to TBXPAL's "POWER INPUT" socket.

2. Set TV source to A/V input

3. Scan Channels and Auto-programming

- 3-1 Press the [**A/P**] button on the remote.
Tuner will scan all channels in the "AIR" and "CATV" modes and memorize channels with PAL TV signal in the **modes** for "AIR" and "CATV".
It takes 45 and 75 seconds to scan in the "AIR" and "CATV" modes respectively.

4. Adjust the volume of Audio Output

- 4-1 Press the [**VOL +**] button to increase the audio volume.
- 4-2 Press the [**VOL -**] button to decrease the audio volume.

5. Adjust the TBXPAL's System Settings

Press [**MENU**] button to activate the setting menu.

- 5-1 The 1st menu item is "**TUNER MODE**". Press [**▶**] or [**◀**] to browse and select a tuner mode from "AIR" and "CATV".
- 5-2 Press [**MENU**] 2nd time. The 2nd menu item is "**AUDIO OUTPUT**".
Press [**▶**] or [**◀**] to browse and select an option from "STEREO", "MAIN", "SUB" or "MONO" depending on the audio signals **available** in the TV signal.

- 5-3 Press [**MENU**] 3rd time. The 3rd menu item is "**CHANNEL SKIP**".

Press [**▶**] or [**◀**] to turn the skip mode "ON" or "OFF".

When skip mode is "ON", pressing [**CH+**] or [**CH-**] will go to next or previous **broadcasted channel**.

When skip mode is "OFF", pressing [**CH+**] or [**CH-**] will **increase or decrease the channel by one**.

- 5-4 Press [**MENU**] 4th time. The 4th menu item is "**RESET**".

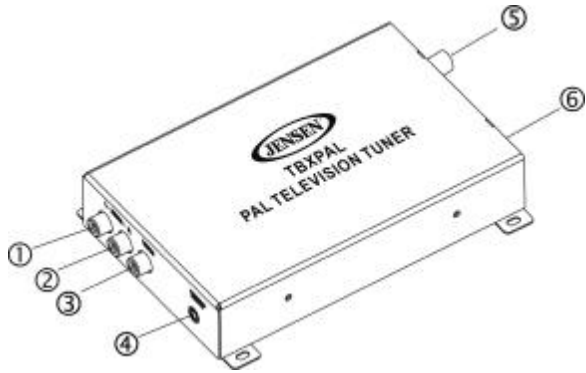
Press [**▶**] or [**◀**] to restore the factory's default value for above settings, and remove **programmed channels** with PAL TV signal for "AIR" and "CATV" modes.

All settings are saved to non-volatile memory when OSD disappears.

(Approximate 6 seconds for storage)

6. Searching a channel and Watching

- 6-1 Press [**CH+**] or [**CH-**].
- 6-2 Directly Input a channel number by pressing [**0**] ~ [**9**] buttons.



Item	Function
1	AUDIO-LEFT OUTPUT (RCA)
2	AUDIO-RIGHT OUTPUT (RCA)
3	VIDEO OUTPUT (RCA)
4	EXTERNAL REMOTE INPUT
5	TV ANTENNA INPUT (IEC 169-2)
6	POWER INPUT

Specification

Composition Video Output	1 Vp-p @ 75 ohm
Audio Output	0.5 Vp-p @ 10K ohm
RF Input Socket	IEC 169-2
TV System	PAL B/G, D/K, I
DC Input / Operating Range	+12VDC (10 ~ 16 VDC)
Power Consumption	4.8W (Max.)

Installation Instructions

1. Locate a suitable location close to "AV monitor" (Television, etc.)
2. Connect Red wire to +12VDC Accessory Source.
3. Connect Black wire to a known chassis ground -12VDC
4. Plug the other end of the DC power cord into the TBXPAL.
5. Connect TBXPAL A/V output to TV A/V input using supplied RCA cable.
6. Connect TV coax cable to "TV ANTENNA INPUT".
7. Plug the external IR cable for remote controlling.
Connect the external IR cable and mount IR Sensor where it will be easy for viewer to use.

