

ELITE-SERIES

Wireless 2.4 GHz A/V Transmitter

Model: SL-1550-T90

Introducing the most full featured Wireless Audio/Visual Transmitter available on the market today for mobile broadcast applications

FEATURES:

- ▶ **FCC Part 90 Compliant**
- ▶ **32 Preset Channels Available to Select From**
- ▶ **Each Channel can be Preset to any Frequency Between 2.460GHz and 2.472GHz with 1 MHz Resolution**
- ▶ **10 Power Levels Selectable from between 1mW and 1Watt**
- ▶ **Wide 10VDC to 40VDC Input Power Range**
- ▶ **4 Digit LED Display of Selected Channel**
- ▶ **4 Digit LED Display of Power Level**
- ▶ **Easy to Use Channel Selection Buttons**
- ▶ **Compact and Lightweight**



- ▶ **NTSC Video Input**
- ▶ **Line Level Audio Input**
- ▶ **Locking Power Connector**
- ▶ **Built In Camera Mount**

FCC ID: XXXYYYYYYYYYYY

*Contact:
NextLink Video Communications
Tel: 1-520-889-1340*

Elite Series Wireless A/V Transmitter

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Specifications Summary

- ▶ Channels: 32 Programmable Preset Channels
- ▶ Frequency Range: 2.460GHz—2.472GHz
- ▶ Programmable Resolution: 1 MHz
- ▶ RF Power: Compliant with FCC Part 90
- ▶ Antenna Connector: SMA
- ▶ Antenna Type: Tilt Swivel Base 0db Gain
- ▶ Input Power: 10VDC-40VDC @ < 1A
- ▶ Warranty: 1 Year
- ▶ Size: 4.12" x 3.67" x 1.25"
- ▶ Weight: 300 Grams
- ▶ Case Type: Extruded Aluminum
- ▶ Video Connector: BNC
- ▶ Audio Connector: RCA
- ▶ Power Connector: 3 Pin Locking DIN
- ▶ Operating Temperature: -20° to 120° F
(-30° to +50° C)

(Specifications subject to change without notice)

Operating Instructions

Power ON/OFF Operation:

- 1) Press the **POWER** button to turn the unit ON, press again to turn OFF.

To set the transmission Channel:

- 1) Press the Channel **Set** button for 1 second and release. The Channel LED display will begin to flash.
- 2) Press the ▲ or ▼ buttons until the desired Channel is displayed.
- 3) Press the Channel **Set** button to store and the Channel LED display will stop flashing.

Notes:

- Only the programmed Channels are displayed for selection
- Holding the ▲ or ▼ buttons down continuously will fast scroll through the Channel and Power Level selections
- Selected Channels are stored in non-volatile memory and remain set during power OFF

To set the transmission Power Level:

- 1) Press the Power Level **Set** button for 1 second and release. The Power Level LED display will begin to flash.
- 2) Press the ▲ or ▼ buttons until the desired Power Level is displayed
- 3) Press the Power Level **Set** button to store and the Power Level LED display will stop flashing

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Channel Frequency Programming Instructions

- 1) Press the Channel **Set** button for > 5 seconds.
- 2) Release the **Set** button once both the Channel LED display and Power Level LED display go blank.
- 3) The Channel LED display and Power Level LED display will begin to flash. The Power Level LED display will now indicate the frequency that is currently programmed for the displayed Channel number.
- 4) Press the Channel ▲ or ▼ buttons until the desired Channel to be programmed is displayed.
- 5) Press the Power Level ▲ or ▼ buttons until the desired Frequency for the selected Channel to be programmed is displayed. **Note:** Holding the Power Level ▲ or ▼ buttons down continuously will fast scroll through the Frequency range.
- 6) To delete a Channel from the active list press the Power Level ▼ button until all dashes are displayed.
- 7) Press the Channel **Set** button and release to store the Preset Frequency value. **Note:** The Channel LED display and the Power Level LED display will stop flashing for an instant indicating Channel frequency has been stored.
- 8) Repeat Steps 4) and 7) for all the desired Channels have been programmed.
- 9) To exit the program operation, Press the Channel **Set** button for > 5 seconds until both the Channel LED display and Power Level LED display go blank. Then release the button.

Factory Channel Default Presets

The factory default Channel programming is as follows:

<u>Channel</u>	<u>Frequency(MHz)</u>
CH01	2460
CH02	2472

To restore the unit to factory default Channel programming:

- 1) Turn the unit OFF
- 2) Hold down the Channel **Set** button and then turn the unit
- 3) Release the Channel **Set** button after the LED displays active

Note: Changes or modifications not expressly approved NextLink Video Communications could void the user's authority to operate the equipment.

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