

Lentequip warrants the CanaTrans for a period of one year from date of purchase when used under normal operating conditions. If you have any questions regarding the proper operation of the CanaTrans, please contact Lentequip. Any updates to this manual will be available at [www.lentequip.com](http://www.lentequip.com) as they are published. Any accessories that will be designed to compliment the CanaTrans will also be available on-line.

**Customer Service First**

The CanaTrans offers the user a unique feature that allows the adjustment of the video signal gain by +/- 10dB. This feature is found under the calibration menu setting. Adjusting the video gain allows the user to compensate for varying video tap signal levels. In most cases leaving this setting at 0dB will suffice. If however you find your transmitted picture too dark or too light and that it can not be compensated by the video camera, then try adjusting the gain setting in the menu. Changes in the gain setting are stored until changed by the user or a reset is initiated as described on the reverse side. Setting the gain too high will adversely affect image quality!

**Adjusting Video Gain**

The CanaTrans uses the connectors used on the CanaTrans are labeled right on the unit for your convenience. The power/video input combination has been standardized on the ARRI IVS scheme. Cables are available from Lentequip. If the audio input is not used please disable it in the menu.

**Connection to the CanaTrans**

2 lines of 21 characters begin to blink. The duration taken by the transmitter to go back to the standby screen can be set in the menu to either 30 seconds or 3 minutes. In either case after a period of inactivity (no pushing buttons) the Standby screen will default to the CanaTrans. The Standby screen also has its own 7 step intensity adjustment whereby #1 is the dimmest and #7 the brightest.



**Key Features and Benefits**

- Microprocessor based technology means reliability and upgradability
- State-Of-The-Art design using latest RF components
- Surface mount technology used throughout for miniaturization
- Flat membrane switch panel means improved reliability
- Quality proven Fischer input connectors, industry standard
- ARRI compatible IVS input, industry adopted standard
- Wide DC input operation on a single input, 12-30VDC, rugged power supply
- Smart voltage circuitry, 24V or 12V auto detection
- Battery low warning for 24 and 12V systems
- 1W maximum RF output, transmits over 1000 feet line of sight
- Unit designed and tuned to operate on selected channels, 40-50 UHF
- Adjustable output power, 6 levels! No RF pads required - less heat!
- BNC video input and combined power + video input options
- Video absent detection
- Adjustable video gain +/- 10dB. Helps compensate for varying video tap levels
- Integrated video test pattern, helps troubleshoot video chain
- Audio input line level mono
- Adjustable audio gain +/- 10dB. Helps compensate for varying audio levels.
- Graphical display user interface, a transmitter first! Facilitates user operation.
- Graphical menu based interaction
- Variable screen intensity, 7 steps, viewable in direct sunlight
- Keystroke feedback, adjustable volume
- Factory customizable "Property of" screen (optional) - theft deterrent feature
- Innovative packaging, compliments high-tech cameras
- Designed "Rental House Tough"
- Novel universal mounting bracket included. Facilitates custom mounting
- Modular construction approach increases reliability and servicing
- Unparalleled customer support and service.

The display of the Standby screen is dependent whether you purchased custom wording that can be only programmed by Lentequip. This is primarily intended as a theft deterrent feature as well and to provide non-volatile inventory control for rental houses. The Standby Screen View

The power setting currently in use by the transmitter is displayed below in the channel setting. If Video Absent RF Off is set to ON in the menu, then the RF power will be turned OFF in the absence of a video signal thus saving you battery power. This would also have the effect of seeing a snowy picture on your TV in the absence of a video signal. The power level will be indicated as OFF. If this feature is set to OFF then a carrier will be still be transmitted when there is no video signal present resulting in a black picture on your TV, the choice is yours.

**Standby Screen View**

Off disables any sounds from the CanaTrans.

threshold an audible beep will be heard if the BEEP setting in the menu is enabled to 1 or 2. 24V input whereby the icon displayed will be 24V. Upon reaching the low battery battery detection will cause the 12 or 24V icon to blink. Conversely the same applies to thresholds will be determined from the 12V Battery Min. setting in the menu. A low transmitter has decided that it is being powered from a 12V system whereby the low battery where the transmitter's power is coming from. If the 12V icon is displayed then the decides if it is connected to a 12V or 24V power system. This is of course dependant on this is a most unique feature of the CanaTrans. Upon initial power-up the CanaTrans

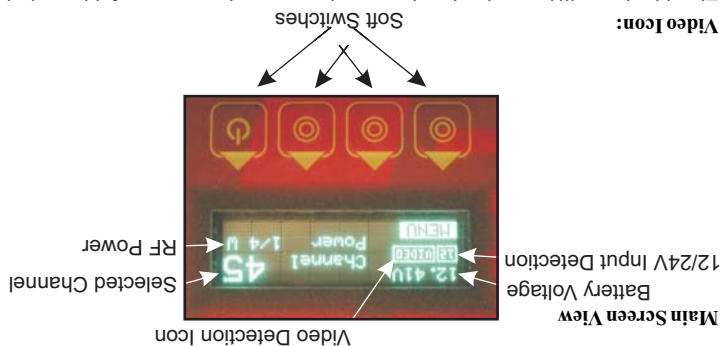
**Power Setting:**

Should the video signal be interrupted then the video icon will flash.

The video icon will be steady when the transmitter senses the presence of video at the input.

**12/24V Icon**

**Video Icon:**



Thank you for purchasing the new CanaTrans! This unit is the result of exceptional engineering and manufacturing practices dedicated to giving you true state-of-the-art performance for your uncompromising production requirements. Many years of research and development has yielded a transmitter that sets a new standard for the industry. This pamphlet sets out some fundamental operating principles and guidelines that will allow you to make use of the many vast features. A menu reference guide is provided on the inside of this pamphlet. The use of this product is governed by the Terms and Condition of Sale provided by Lentequip. A copy of this document is available online at [www.lentequip.com](http://www.lentequip.com).

**General:**

Always ensure that you are using the **LEAST** amount of power to give you the best transmission characteristics. Always start at 1/16W and work your way up from there as conditions dictate. You will soon gain the necessary experience to allow you to make good power judgements based on your environment. More power is NOT always better. Too much power will overload many receivers giving you poor image quality as well as creating unwanted reflections in the room. Never transmit on an occupied channel. Check for a clear channel before powering-up the CanaTrans. Use only quality shielded cables with this unit. Cables for most applications are available through Lentequip. Custom cables may be requested. Use only one video input at a time.

**Using the Menu:**

The CanaTrans menu has been designed to provide you with a quick means for accessing the many features of the transmitter. The most commonly used features such as changing the channel or the power levels are grouped at the top of the menu. Navigating the menu is done by using the 4 switches below the graphics screen. These are referred to soft-switches as their function is dictated by the label above them. These labels change based on the feature being selected or adjusted. To change the channel for example, push menu then the select button. No scrolling is needed as channel is the first item on the menu that can be changed. Once Select has been pushed the two inner switches display a + and - label. With these switches you can now increase or decrease your channel selection. Finish by pressing OK then EXIT. You are now back to the main screen and your channel is displayed in the top right corner. Follow the same procedure to select your power levels.



View of menu