CANATRANS®
WHITE SPACE

Quick Start Guide

Rev. 1.4

Live view monitor area. In the absence of a live feed colour bars are shown, this behaviour is adjustable in "Video Settings" Test Pattern On/Off.

Boot Screen
Firmware revisions are shown here. BIST, if shown, is the Built-In-Self-Test codes.

LENTEQUIP
Made in Canada
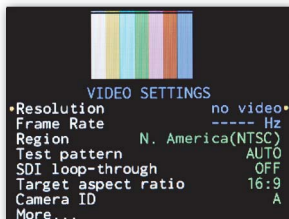FW Rev. 001

Audio Settings
Adjust audio parameters as indicated in the menu.

AUDIO SETTINGS
- RF Audio Gain   +2dB
- RF Audio Mute   OFF
- RF Audio Delay   NONE
- RF Audio Channel   L+R
- Audio Monitor Volume +13.5dB
- Audio Monitor Mute   OFF
- Button Beep Volume   4
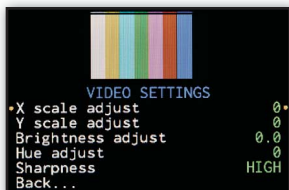- Button Beep Mute   OFF

Video Settings
Select NTSC/PAL modes as well as other video parameters. Note that not all video rates are correctly shown but will be displayed.

VIDEO SETTINGS
- Resolution   no video
- Frame Rate   ----- Hz
- Region   N. America(NTSC)
- Test pattern   AUTO
- SDI loop-through   OFF
- Target aspect ratio   16:9
- Camera ID   A
- More...

Video Settings...more
Scale you image, adjust brightness, hue, sharpness if necessary. Reflections from bright white objects can be controlled with Sharpness

VIDEO SETTINGS
- X scale adjust   0
- Y scale adjust   0
- Brightness adjust   0.0
- Hue adjust   0
- Sharpness   HIGH
- Back...

Power Settings
If Power Saver is turned ON then unit will shut off in the absence of video.

POWER SETTINGS
- Power Saver   OFF
- Power Saver Delay   10 min.
- Fan Speed Override   OFF
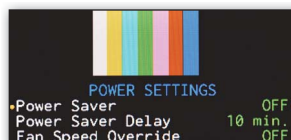
Display Settings
If Sleep Brightness is set to OFF, LCD will turn off at the selected Sleep Delay time.

DISPLAY SETTINGS
- Auto Brightness   OFF
- Wake Brightness Level   3
- Sleep Brightness Level   3
- Display Sleep   ON
- Sleep Delay   30s

About
Hardware revisions are shown here. BIST is the Built-In-Self-Test codes. If necessary restore unit to factory defaults on this page .

ABOUT CANATRANS WS
Lentequip Inc.
- SN   1009
- HW IDs   01:01:01:01
- HW Rev.   02:01:02:01
- FW Rev.   001:002
- FW Date   Nov 9 2012
- BIST   00000000
- Restore Defaults

Power Down Screen
Push and hold on/off button to power down transmitter. You can also unplug unit but then you'll miss the message.

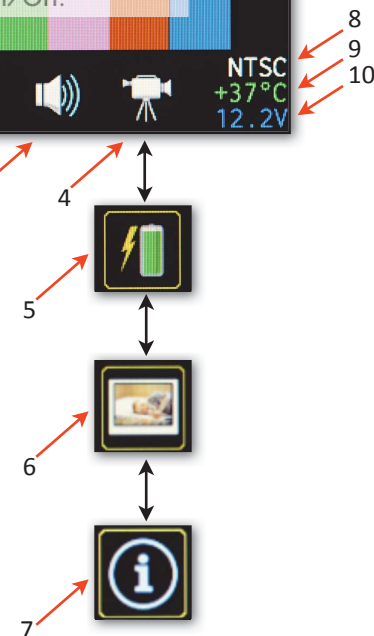LENTEQUIP
*** That's a wrap!!! ***

A box appears around the active selection, move the arrow to the right or left to select the desired adjustment - move arrow up/down to change setting.

NTSC
+37°C
12.2V

1 2 3 4

Screen Icon Guide:
1. Selected channel
2. Output power level, 5 steps
3. Audio setting
4. Video setting
5. Power setting
6. Display setting
7. About unit information
8. Selected transmission standard
9. Core unit temperature
10. Measured input voltage

Button assignments

- LCD brightness light sensor
- Up
- Accept selection
- Power On/Off Push and hold to turn on
- OK
- Return/back
- Left
- Right
- Down

HD COMPATIBLE PROFESSIONAL VIDEO TRANSMITTER

1-DC GND
2-NC · 3-NC
4-DC IN (7-30 V)
POWER IN

LE-CTUF mounted on shroud

Various mounting options exist for the back shroud of the CTWS. Dovetail, swivel dovetail (for 3ality Technica rod mount) and the 3/8" cross mount (LE-CTUF) as found on many original CanaTrans units. M4 threads are provided for the venturous types that would like to make their own rigging.

Three antennas are supplied with the CanaTrans WS. See table at right to determine which one to use. <u>Antennas from the previous CanaTrans are NOT compatible with this unit</u> due to the change in the connector which is part of the compliance requirement. Lower channels will generally give you better range and object penetration. Always use the least amount of power necessary. Only use antennas supplied by Lentequip as they are custom tuned to operate with your CanaTrans White Space.

The CanaTrans WS is equipped with a removable daughterboard input module. We will make others available in the future such as an HDMI input module. Never insert or remove the daughterboard module under power! Keep the daughterboard with the base unit as they are assigned matching serial numbers. Always protect the daughterboard from electrostatic discharge when removed from the base unit.

SDI IN
SDI LOOP
AUDIO IN

HD/SDI input module
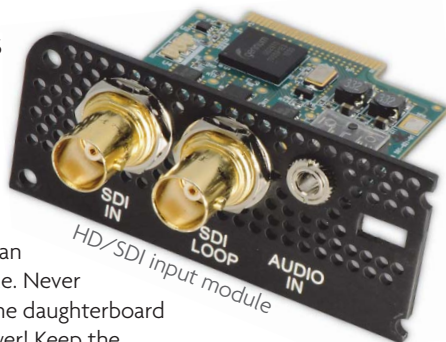
Frequency Reference Table (MHz), video carrier shown

Channel	NTSC, North America	PAL Europe	PAL Australia & NZ	Japan NTSC	China
Lo VHF					
2	N/A	48.25	64.25	97.25	57.75
3	N/A	55.25	86.25	103.25	65.75
4	N/A	62.25	95.25	169.25	77.25
5	N/A	175.25	102.25	175.25	85.25
6	N/A	182.25	175.25	181.25	168.25
Hi VHF					
7	N/A	189.25	182.25	187.25	176.25
8	181.25	196.25	189.25	193.25	184.25
9	187.25	203.25	196.25	199.25	192.25
10	193.25	210.25	210.25	205.25	200.25
11	199.25	217.25	217.25	211.25	208.25
12	205.25	224.25	224.25	217.25	216.25
13	N/A	N/A	N/A	N/A	N/A
UHF					
14	471.25	415.25	429.25	477.25	405.25
15	477.25	423.25	436.25	483.25	413.25
16	483.25	431.25	443.25	489.25	421.25
17	489.25	439.25	450.25	495.25	429.25
18	495.25	447.25	457.25	501.25	437.25
19	501.25	455.25	464.25	507.25	445.25
20	507.25	463.25	471.25	513.25	453.25
21	513.25	471.25	478.25	519.25	461.25
22	519.25	479.25	485.25	525.25	469.25
23	525.25	487.25	492.25	531.25	477.25
24	531.25	495.25	499.25	537.25	485.25
25	537.25	503.25	506.25	543.25	493.25
26	543.25	511.25	513.25	549.25	501.25
27	549.25	519.25	520.25	555.25	509.25
28	555.25	527.25	527.25	561.25	517.25
29	561.25	535.25	534.25	567.25	525.25
30	567.25	543.25	541.25	573.25	533.25
31	573.25	551.25	548.25	579.25	541.25
32	579.25	559.25	555.25	585.25	549.25
33	585.25	567.25	562.25	591.25	557.25
34	591.25	575.25	569.25	597.25	565.25
35	597.25	583.25	576.25	603.25	573.25
36	603.25	591.25	583.25	609.25	581.25
37	N/A	599.25	590.25	615.25	589.25
38	615.25	607.25	597.25	621.25	597.25
39	621.25	615.25	604.25	627.25	605.25
40	627.25	623.25	611.25	633.25	613.25
41	633.25	631.25	618.25	639.25	621.25
42	639.25	639.25	625.25	645.25	629.25
43	645.25	647.25	632.25	651.25	637.25
44	651.25	655.25	639.25	657.25	645.25
45	657.25	663.25	646.25	663.25	653.25
46	663.25	671.25	653.25	669.25	661.25
47	669.25	679.25	660.25	675.25	669.25
48	675.25	687.25	667.25	681.25	677.25
49	681.25	695.25	674.25	687.25	685.25
50	687.25	703.25	681.25	693.25	693.25

Range for SRH7RP antenna, #7-12 located under lid foam

Use WHITE antenna

Use ORANGE antenna

CHANNEL 19 TO 30

CHANNEL 31 TO 50