

DTT-1

Digital Time / Date Titler

Operation Manual

**PAL Format
24 Hour Time**

Programming

The DTT-1 is programmed by sequencing through the prompts with the **Select** button, then altering the on-screen information using the **Up** and **Down** buttons. When a portion of the on-screen information is selected, it will flash; this indicates that it may be altered using the **Up** and **Down** buttons.

- 1) Press the **Select** button to begin programming. The **Setup** indicator (green LED) will light, and the first character of the 20 character titler will begin flashing.
- 2) Use the **Up** and **Down** buttons to scroll through the available characters.
- 3) When the desired character is displayed, select it by pressing the **Select** button. This will set the selected character and move the cursor to the next character to the right.
- 4) Repeat the above steps until all characters have been set as desired.
- 5) To return to a previously set character, press and hold the **Select** button and use the **Down** button to sequence in reverse order.
- 6) When the on-screen information is set as desired, press the **Select** button to exit the program mode. This will cause the **Setup** indicator (green LED) to turn off.
- 7) The on-screen information may be placed in any vertical position simply by pressing the **Up** and **Down** buttons. The display cannot be moved horizontally.

Display Format

The on-screen information consists of two lines;
Line 1 contains 20 characters of titling
Line 2 contains date, month, year, hours, minutes, seconds (24 hour time).

**ABCDEFGHIJKLMNQRST
DD-MMM-YY-HH:MM:SS**

Legend

- A-T:** 20 characters of titling
- DD:** Date (i.e. 1-31)
- MMM:** Month (e.g., JAN, FEB)
- YY:** Year (e.g., 99, 00, 01, 02)
- HH:** Hours (0-23)
- MM:** Minutes (00-59)
- SS:** Seconds (00-59)
- :** Power Failure Indicator



Video

The DTT-1 will pass video through even when the power fails or is intentionally interrupted. This unit works with both monochrome and color signals with no signal degradation.

Power Failure Indicator

An interruption in the DTT-1's power supply is indicated by a dash (-) on the display, after the seconds indicator. If power has failed at any time, the dash will appear, and will remain on-screen until cleared. It is cleared by pressing any button, or by re-setting the time.

Note: The Power Failure Indicator will appear when the unit is powered-up for the first time, but will clear once the proper time has been set. If the power has failed and the back-up capacitor has discharged completely, the **Power** indicator (red LED) will flash, prompting you to set the correct time.

Specifications

Video

Video Input / Output
Video Format

BNC - 1 passive video loop-through
CCIR / PAL 1 Volt P-P, 75 ohm termination

Display

Titler Format
Date-Time Format
Clock Accuracy
On-Screen Width
Character Height

20 Alpha-Numeric Character
DD-MMM-YY HH:MM:SS-A
5ppm
75% of active display width
18 lines (5.8% of total image height)

Control / Programming

Control Interface
Status Indicators

3 front panel buttons: Select, Up, and Down
2 front panel LEDs: Power and Setup

Back-Up Battery

4 days internal, rechargeable SuperCap

Size / Weight / Power

Size
Weight
Power

2 5/16" x 1" x 3"
3 oz.
9 - 12VDC @ 32ma
2.1mm DC Power Connector
Center Positive



Warranty

1 year parts and labor