



## The LT 444/LT 4440 is a changeover unit that switches to the backup system when failures occur.

The LT 444/LT 4440 is a changeover unit that automatically switches the signal from the primary signal to the backup signal when problems are detected in the primary signal. If a switch occurs from the primary signal to the backup signal, the LT 444/LT 4440 indicates the channel that caused the problem on the LED front panel.

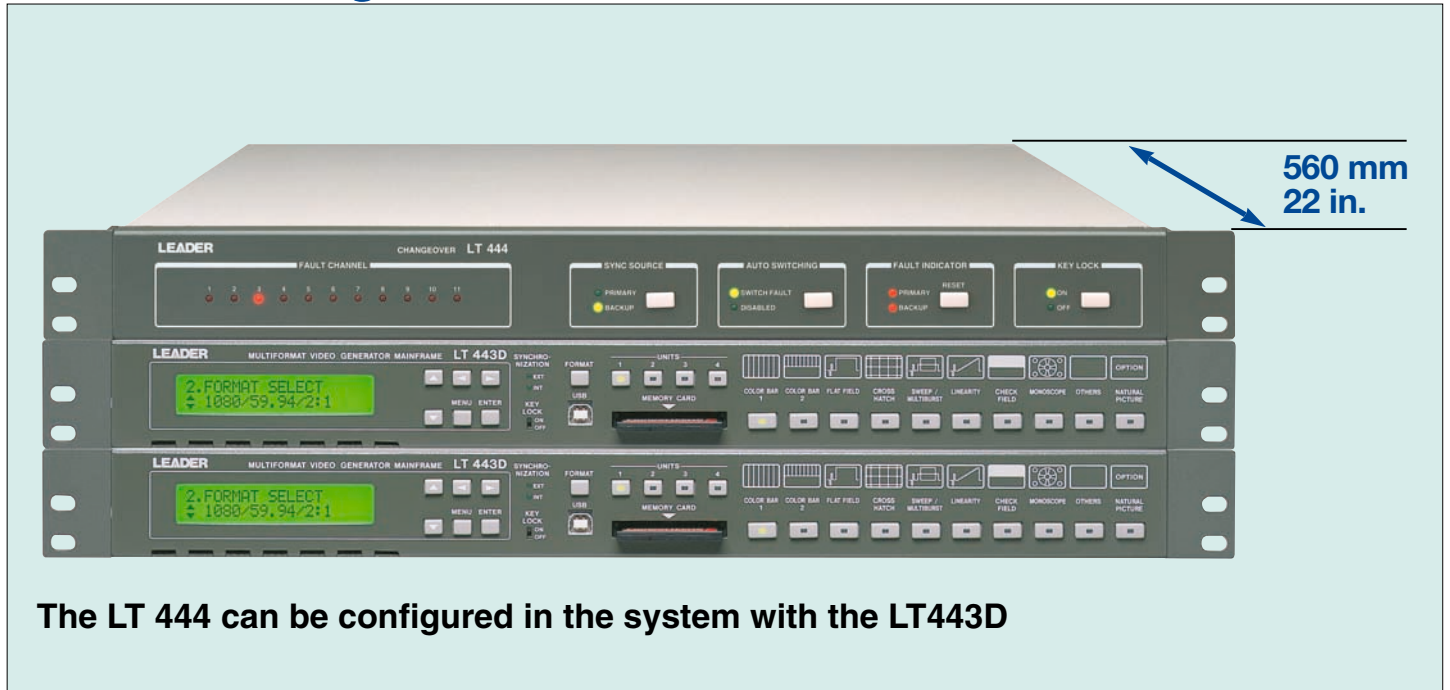
### FEATURES

- Input/Output**  
 Provides 11 channels (a single channel consists of PRIMARY input, BACKUP input, and OUTPUT output) on a single LT 444.
- Delay for Starting the Monitor**  
 The delay for starting the error monitor at power up can be set to FAST or SLOW depending on the rise time of the system signal source being connected.
- Determination Criteria of the Signal Level**  
 The internal preset switch allows level detection switching among SD-SDI, AES/EBU digital audio, NTSC or PAL analog black burst, HD analog tri-level sync, HD-SDI (only supported on channels 1 to 6), and other signals.
- Error Display**  
 When a signal level error is detected, the LT 444 illuminates the error LED on the front panel as well as the LED panel that indicates the channel causing the problem. This feature allows quick investigation of the problem.
- Dimension**
  - LT 444 is a Long Cabinet

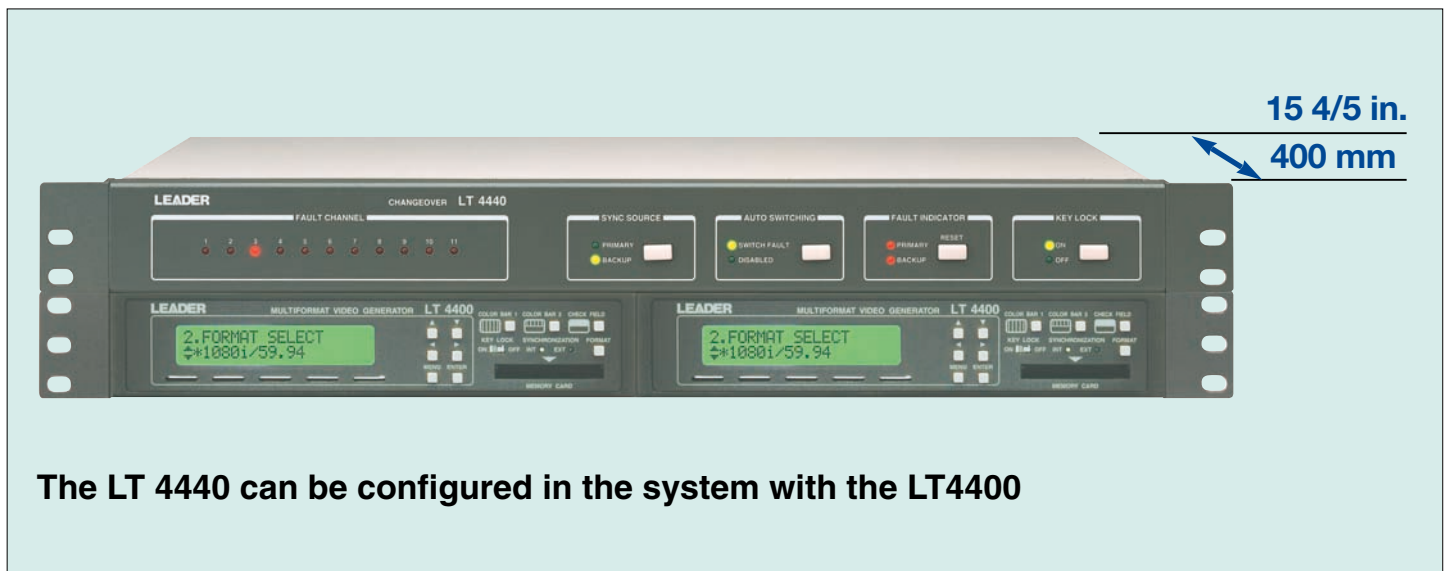
### SPECIFICATIONS

<b>Inputs</b> <b>PRIMARY inputs</b> <b>BACKUP input</b>	1 input each for 11 channels (75 Ω BNC connector) 1 input each for 11 channels (75 Ω BNC connector)
<b>Outputs</b> <b>OUTPUT outputs</b>	1 output each for 11 channels (75 Ω BNC connector)
<b>Input/Output Characteristics (CH1 to CH11)</b> <b>Return Loss</b>	30 dB 0 to 10 MHz 15 dB 10 MHz to 750 MHz 10 dB 750 MHz to 1.5 GHz
<b>Input Signal Type</b> <b>Signal Type</b>	Set the type of input signal applied to the LT 444 using the internal dip switch. HD-SDI (CH1 to CH6 only) SD-SDI (270 Mb/s) SD-SDI (143 Mb/s) AES/EBU digital audio Tri-level sync signal NTSC black burst PAL black burst
<b>Determination Criteria of the Signal Level</b> <b>Detection Level</b>	Detects an error when the amplitude of the input signal drops by 2 to 5 dB from the defined level and makes the switch. The detection level can be set to LOW or HIGH for each signal type.
<b>Error Display</b> <b>Total Error LED</b> <b>Error Channel LED</b>	Notifies errors by illuminating the error LED on the panel. Detects the channel causing the error and shows the channel by illuminating the corresponding LED.
<b>Panel Key Lock</b> <b>Time to Key Lock</b>	The key lock is automatically enabled when key operation is not detected for 60 s.
<b>External Control (REMOTE) Connector</b> <b>Application</b> <b>Connector Type</b>	For external remote control. 9-pin Dsub connector
<b>Dimensions and Weight</b>	426 (W) x 44 (H) x 560 (D) mm (LT 444) 426 (W) x 44 (H) x 400 (D) mm (LT 4440) (excluding protrusions), 4 kg 16 3/4 (W) x 1 3/4 (H) x 22 (D) in. (LT 444) 16 3/4 (W) x 1 3/4 (H) x 15 4/5 (D) in. (LT 4440) (excluding protrusions), 8.8 lbs
<b>Accessories</b>	Rack supports .....2 Rack support attachment screws .....4 Power cord .....1 Instruction manual .....1

## LT 444 is a long Cabinet



## LT 4440 is a Short Cabinet



## REAR PANEL

