

LT443D Multiformat Video Generator Mainframe



- **Plug-In Modules expand the Capability of the Multiformat Signal Generator**
- **Multiformat Video Generator Main Frame**

The LT443D Multiformat Video Generator Main Frame can be used where multiformat digital broadcast systems are the norm. Plug-in-play modules enable the output of SDI signals (i.e. HDTV, SDTV) embedded audio, sync signals and genlock functions. Users can customize this signal generator as desired.

Features

- **Plug-in modules provide various functions**
Up to four plug-in play modules can be installed in the main frame, which consists of a power supply and controller.
- **Applicable to multiformat HDTV**
For SDI signals, a 14 format HDTV module and a 525/625 line SDTV module are available. An analog NTSC/PAL video test generator module is also available.
- **Assorted simultaneous outputs**
The unit is designed to provide both 74.25 MHz and 74.25/1.001 MHz system signals at the same time.
- **Easy to use sync signals**
Today's digital TV systems require BB (for NTSC/PAL) and HDTV tri-level sync signals to be simultaneously generated.
- **Ethernet is standard**
Ethernet connection is supplied in the main frame as standard for remote control operation and to download custom bit map data.
- **User-friendly operability**
Leader's traditional design and operability concepts are also reflected in this instrument. User-friendly operation includes significantly reduced power-on initialization time and advantage in a high-performance environment.

*Compact Flash card not supplied.

**Option 70 adds memory to main frame to store and convert custom bit map files.

*** When four plug-in units (i.e. LT443D-HD, LT443D-SD, LT443D-BL, LT443D-GL) are installed.

Main Frame Specifications

Modules

Number of Slots: 4

Identifier function: Modules are automatically recognized (Plug-in-Play)

LCD Display

Display characteristics 20 letters 2 lines (Back light installed)

Internal Clock

Internal reference frequency: 27 MHz

Memory card slot

Flash Card: Compact Flash * (CFA type 1)
Function: Load logo (feature support) and natural picture data **

External Interface

Ethernet: 10/100 Base-T, Transmission active status and Remote Control

USB: USB 1.1 accommodation (feature support)

General Specifications

Operating:

Temperature Range: 0° to 40° C

Humidity Range: ≤ 90 %RH (without condensation)

Power Requirements

AC 90-250V 50/60Hz

Power Consumption

75W max. ***

Dimensions

16 3/4 (w) x 1 3/4 (H) x 22 (D) in.

426 (w) x 44 (H) x 560 (D) mm

Weight

15.4 lbs., 7 kg***