

HD & SD VIDEO TEST GENERATOR

HDG-10

Doremi Labs' HDG-10 portable video test generator offers an extensive list of advanced features at an affordable price.

The HDG-10 provides still and moving test patterns in SD and HD formats at full broadcast quality. It also outputs audio tone, time code and closed caption characters. It even features a dual-link 2k resolution video output.

The HDG-10 fits in the palm of your hand and has four buttons to operate the menu displayed on its bright LCD screen.

Doremi Labs designed the HDG-10 to offer video professionals a low cost portable test generator to calibrate and test video equipment and displays at broadcast, post production, concert, home theater, R&D facilities and more.



**Multi-Format Output
for HD and SD video**

**Still and Moving
Test Patterns**

**Audio Tone, Time Code
and Closed Caption**

**Dual Link 2k
Video Output**

**Compact Palm
Size Design**

**Pair with Doremi's HDVI
Converter for DVI Output**

SPECIFICATIONS

STILL PATTERNS

100% Color Bars
Borderline
Random Noise
Check Field (equalizer / pll)
Black
Vertical Lines
Black / White alternate fields
Moiré Circle Effect / Zone Play
Cross Hatch
Grey Levels (16 bars - gray/green/blue/red)
Full Grey / Full White
Black to White Gradient
Random Generator for all still patterns

MOVING PATTERNS

*Can be combined with still patterns
above for hundreds of variations*
1 or 2 moving squares with
shape and color change effect
Full Motion of still pattern
Snow
Scrolling Title
Speed control of motion
Inverse effect with still pattern

AUDIO TONE GENERATOR

1kHz Sine Wave embedded on SDI
4 Channels on 4 Groups
Audio Level Settings (8 Values)

CLOSED CAPTION

CC as ancillary data in video stream

TIME CODE GENERATOR

TC as ancillary data in video stream
Drop or Non-Drop Frame
On Screen Burn in Window

VIDEO OUTPUT

Two BNC connectors provide either:
-Two identical serial digital outputs
-Dual Link serial digital output (YPbPr/RGB)

Formats Supported
NTSC & PAL
720p - 60, 59.94, 50Hz
1080i / 1080p - 30, 29.97, 25, 24, 23.98Hz
2048x1080p & sf - 24, 23.98Hz

Standards: SMPTE 125M, 274M, 296M, 372M
Bit Rate: 1.485 Gb/s, 1.4835 Gb/s, 270Mb/s
Resolution: 10bit

INTERFACE

Two line LCD with menu controls
Save settings to memory option

GENERAL

5 volts (screw-on connector)
External Adapter: 100-240VAC 50-60Hz
5.4" x 3.7" x .8" (138mm x 93mm x 22mm)

doremi

Doremi Labs, Inc. Headquarters Burbank, California USA - tel 818 562-1101 - www.doremilabs.com

Doremi Labs, Europe Sophia Antipolis, France - tel +33 (0)492 95 2830 - www.doremilabs.fr

Doremi Labs, Japan Tokyo, Japan - tel +81 3 3327 5735 - www.doremilabs.co.jp