CG-8
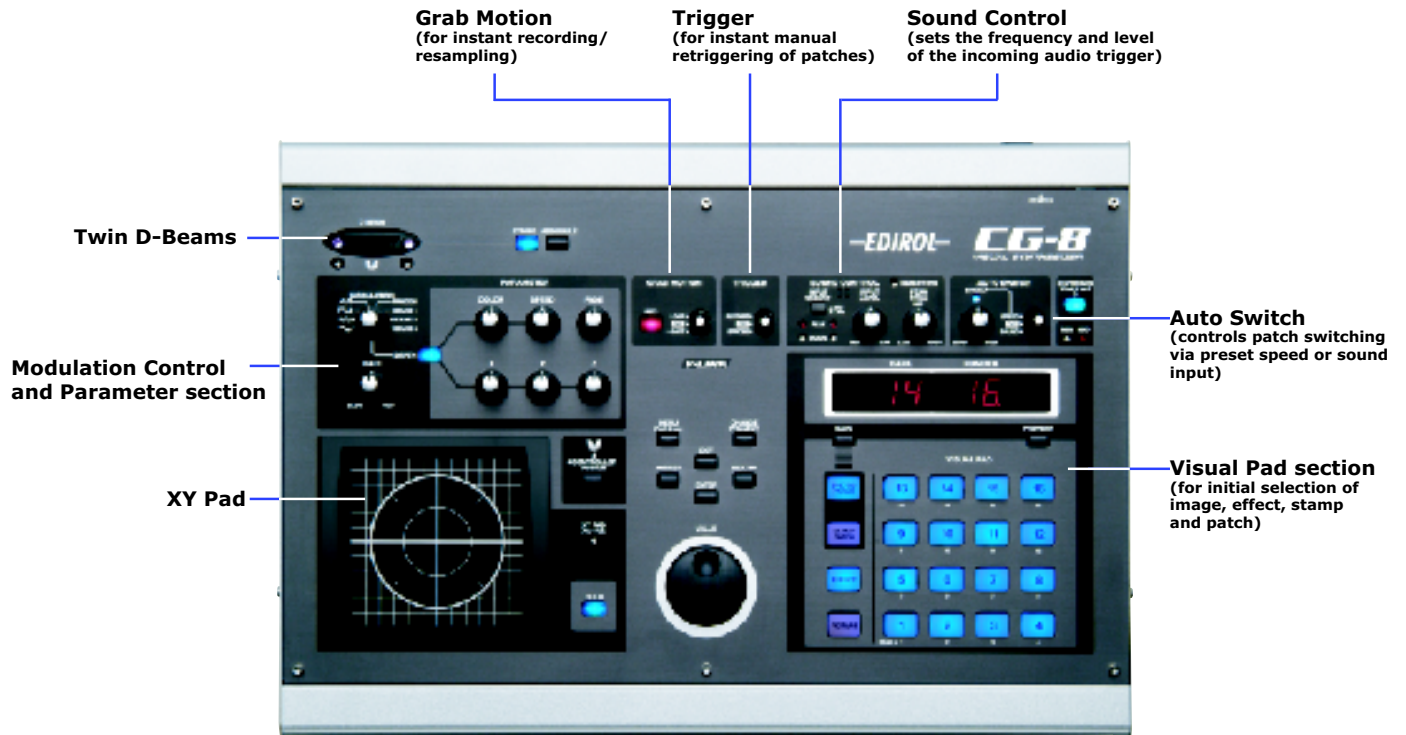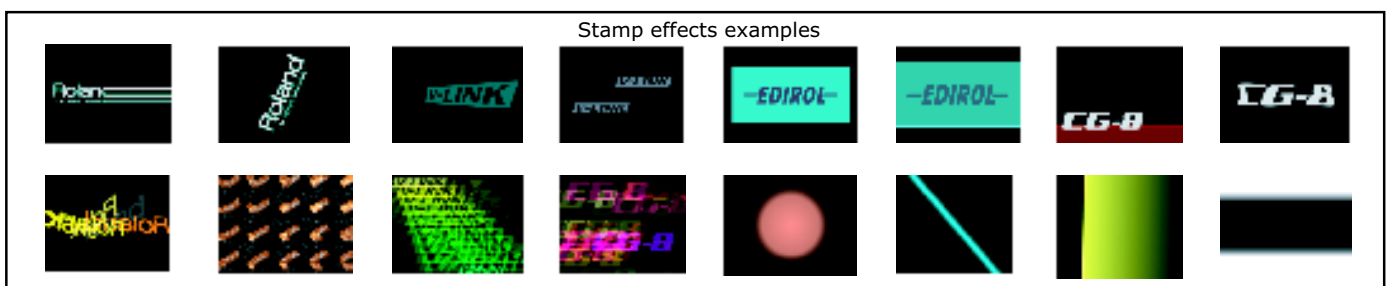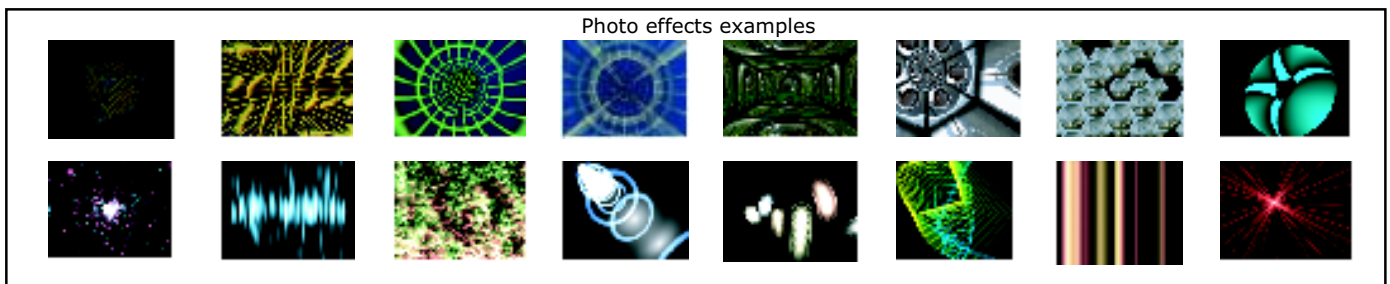## VISUAL SYNTHESIZER

EDIROL
Products by Roland

See the sound. Hear the visuals.

A visual synthesizer unlike the world has ever seen! The CG-8 "synthesizes" high-resolution 3D motion graphics from still images - all controllable in real-time via innovative controllers designed for inspired live performances. Further enhanced by MIDI and VLINK, the GC-8 allows you to *See* the sound and *Hear* the visuals.

Grab Motion
(for instant recording/
resampling)

Trigger
(for instant manual
retriggering of patches)

Sound Control
(sets the frequency and level
of the incoming audio trigger)

Twin D-Beams

**Modulation Control
and Parameter section**

XY Pad

Auto Switch
(controls patch switching
via preset speed or sound
input)

Visual Pad section
(for initial selection of
image, effect, stamp
and patch)

A variety of Photo/Stamp effects

Combine Photo and Stamp effects to generate amazing 3D moving images and text from still images in real-time. Stamps are special images with Alpha Channel information that can be manipulated in incredible ways by the CG-8. A whole new era of "Visual Freestyle" is now possible by combining the infinite number of different Effect, Photo and Stamp possibilities.

Photo effects examples

Stamp effects examples

Features

Hundreds of effects and parameters ready to tweak

The CG-8 features more than 260 dramatic visual effects. Combine and manipulate effect parameters such as X/Y/Z axis movement, 3D effect creation, Color and Speed controls and hundreds more to create amazing, high-resolution motion graphics from still images easily, quickly and spontaneously.

Up to 128 patches per project

Save all the elements and manipulative effects associated with a single image in a patch for instant recall during live performance. With the internal 40 GB hard drive, the CG-8 has room for plenty of projects.

Overlay of moving titles and images

The CG-8 can combine 2 layers of moving images and title images to create all new 3D visuals

Tactile control surface for total performance control

Trigger visuals instantly from one of the 16 performance pads and manipulate them all in real-time using the innovative D-Beam controller, the responsive X/Y Touch Pad and a full complement of tweakable knobs and switches.

Synchronization with Audio input

The CG-8 can synchronize and control visuals with an external audio source via the internal mic or line input. Accurate frequency-peak detection allows graphic images to animate themselves to the corresponding beat.

MIDI and V-LINK connection

With MIDI and V-LINK capability, the CG-8 can be externally controlled by any MIDI equipped device such as a keyboard controller, V-Synth or V-Drums.

Rear Panel

Edits to specifications

Signals	
Video Format	VGA 640 x 480
Supported TV System	NTSC and PAL
Number of colors	16.7 million colors (24bit full color) (value is approximate)

Output Connectors (Real panel)	
RGB output	HD DB-15 type
Video output	S-Video output 4-pin mini DIN type (Y: 1.0Vp-p, C:0.286Vp-p, 75ohm), Composite RCA phono type (1.0Vp-p, 75ohm)

Effects	
Number of Effects	Photo: over 200 types, Overlay: over 60 types
Number of Patches	up to 128 patches per project
Number of Photos per project	up to 48 JPEG files (512 x 384)
Number of Stamps per project	up to 16 PNG files (512 x 256)

Interfaces	
Storage Device	Internal Hard Disk Drive (for system program and data storage)
MIDI	5-pin DIN type (In, Out/Thru)
Foot switch	1/4 inch phone type
Line input	1/4 inch phono type (L,R)

General	
Power Supply	AC 117V, AC 230V, AC 240V (50/60Hz), AC 220V (60Hz)
Power Consumption	80W
Dimensions	453 (W) x 323 (D) x 108 (H) mm /17-7/8 (W) x 12-3/4 (D) x 4-1/4 (H) inches
Weight	5.8kg / 12lbs. 13oz.
Accessories	Card reader, AC cable, Owner's manual
Options	Edirol PCR series, Roland V-Synth, Roland V-Drums series, Roland PM-128-CF (CompactFlash)

EDIROL

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