Crestron BriteTouch® LC-1000

3.8" Compact Wall Mount Touchpanel

The LC-1000 represents a step beyond ordinary keypad control combining 10 engravable pushbuttons with a 3.8" grayscale touchscreen. The programmable touchscreen provides for the creation of any custom user interface desired while the pushbuttons offer ready, tactile access to common functions such as lighting and audio volume. Perfect for controlling everything from audio distribution to complete AV or home automation, the LC-1000 fits in the space of a common light switch and is affordable enough to install in every room.

Audio Feedback—To complement the touchpanel's visual aspects, customized WAV files can be loaded on the LC-1000 to provide audible feedback, key clicks, and voice prompts.

Cresnet®—Cresnet communication ensures compatibility with Crestron's complete product line.

Faceplate and Mounting Options—The LC-1000 features an eye-pleasing flush-mount design furnished standard with white faceplate and buttons. Optional faceplates and engravable buttons are offered in a variety of elegant finishes to complement any decor. Numerous mounting options are available to facilitate a clean installation in any wall or similar flat surface.

Light Sensor—A light sensor is built in to automatically adjust the display image for optimal visibility under varying light conditions.

> 3.8" Passive Matrix Grayscale Touchscreen Display

> 240 x 320 Resolution

> WAV File Audio Feedback

> 10 Engravable Hardbuttons

> Built-in Light Sensor

> Cresnet Communications

> Stylish Flush Mount Design

SPECIFICATIONS

Touchscreen Display

Display Type: Passive matrix grayscale LCD
Size: 3.8 inch (9.6 cm) diagonal
Resolution: 240 x 320 pixels
Illumination: White LED backlit
Viewing Angle: ±40° horizontal, +50°/-30° vertical
Touchscreen: Resistive membrane

Memory

1 MB flash

Graphic Engine

BriteTouch, four shades of grayscale

Audio

WAV File: 8-bit PCM, mono, 8 kHz sampling rate, ~90 seconds capacity
Amplification: 0.5 Watt for built-in speaker

Connectors

NET: (1) 4-pin 3.5mm detachable terminal block
Connects to Cresnet control network

Buttons

(10) Replaceable engravable buttons, programmable

Light Sensor

Programmable photosensor for automatic backlight dimming and/or grayscale shade inversion

Power Requirements

Cresnet Power Usage: 3 Watts (0.125 Amp @ 24 Volts DC)

Environmental

Temperature: 50° to 113°F (10° to 45°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Construction: Injection-molded plastic, white, flush mountable (wall/lectern mounting kits sold separately)
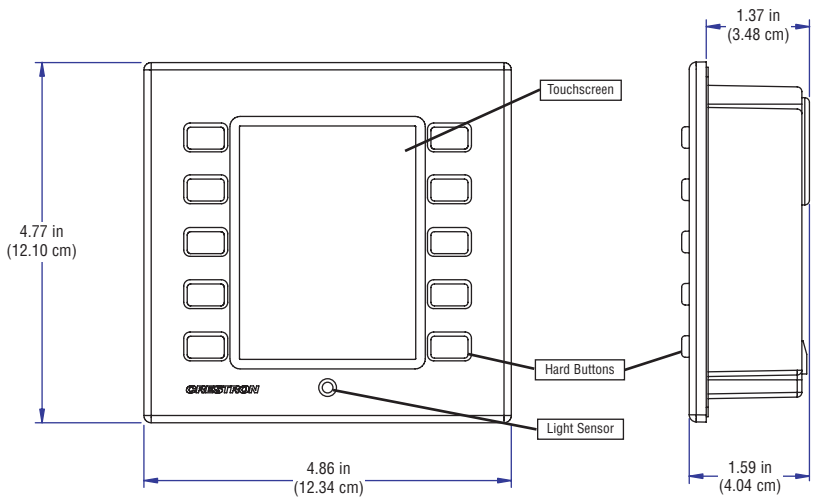**Faceplate**: Injection-molded plastic, white (optional colors and finishes available)

Dimensions

(With faceplate)
Height: 4.77 in (12.10 cm)
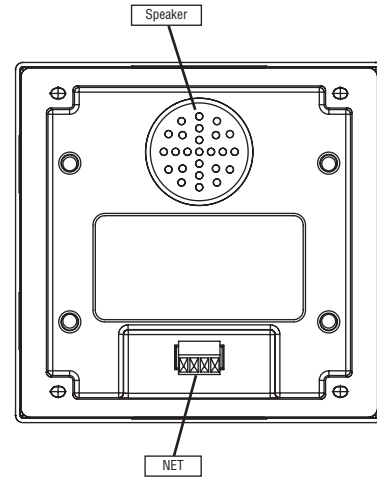**Width**: 4.86 in (12.34 cm)
Depth: 1.59 in (4.04 cm)

Weight

8.6 ozs (0.25 kg) – with faceplate

CRESTRON®

1.37 in
(3.48 cm)

Touchscreen

Speaker

4.77 in
(12.10 cm)

Hard Buttons

Light Sensor

NET

4.86 in
(12.34 cm)

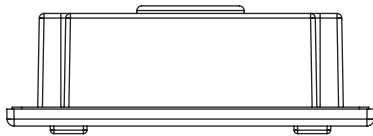1.59 in
(4.04 cm)

Front View

Right Side View

Rear View

Top View

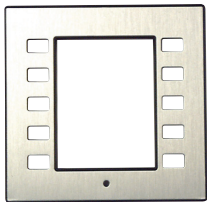## AVAILABLE ACCESSORIES

CT/LC-FP
Designer and Standard
Faceplates

CT/LC-FPAR
Architectural Faceplates

1000/2000-BTN
Engravable Button Cap

BB-1000L
Wall Mount Back Box

PMK-1000L
Pre-construction Wall Mount Kit

TMK-1000L
Trim Ring Only

WMKT-1000L
Lectern Mount and Post-construction
Wall Mount Kit w/Trim Ring

MMK-1000L
Mud Ring Only

WMKM-1000L
Post-construction Wall Mount Kit
w/Mud Ring

WMKB-1000L
Post-construction Wall Mount Brackets

CT/LC-WPK
Water Resistant Cover Kit

Specifications subject to change without notice.   Doc.5839G   01/05