

Commercial Exit Signs

CCHX Series
Compac® Thermoplastic
Combo with **Xtest**



Specifier's Reference

Project
Type
Model No.
Comments

codes and standards

- ETL listed to UL standard 924
- NFPA 101 (Life Safety Code)
- NFPA 70 (National Electric Code), BOCA and OSHA standards
- UL listed for damp locations as an optional feature

construction

- Unique one piece housing with internally designed lamp heads.
- Flame rated, UV stable ABS thermoplastic housing.
- Combos are available in black or white finishes.

installation

- Snap together quick mount design.
- Wall or ceiling mounted only.
- Ceiling mounting is accomplished by mounting the canopy to a recessed junction box, routing the wiring through the top of the product housing and snapping unit housing to the canopy. A screw is required to stabilize and strengthen the union between the canopy and housing.
- Canopy is standard on all combos.
- Canopy not required for flat wall mount (electronics contained inside housing).
- Pop-out chevron directional indicators are easily removed when required.
- Combo mounts up to a standard 4" square outlet box.

electronics **Xtest**

- All combos utilize a microprocessor and contain the **Xtest** self-diagnostic/self-test circuitry.
- Each combo includes low voltage disconnect, AC lockout, and brownout protection.
- Each combo with **Xtest** circuitry will automatically conduct a self-test once a month with the lamps on to verify all systems are functioning properly. For complete details regarding **Xtest** circuitry see spec sheet CE-17050.
- 120/277VAC selectable input.
- Power Consumption
12 Watt Unit
120 Volt: 0.114 amps, 277 Volt: 0.054 amps
22 Watt Unit
120 Volt: 0.118 amps, 277 Volt: 0.056 amps

LED/lamps

- Exit face illumination is provided by a special high intensity indirect red or green LED strip. Letter brightness and illumination uniformity exceed UL requirements.
- Uniform 6" letter illumination (3/4" stroke).
- Standard emergency unit contains 6 volt, 5 Watt MR11 Lamps.
- An optional 6 volt, 10 Watt MR11 is available for increased lumens.
- Lamps can be rotated 180 degrees horizontally and are on a fixed vertical axis for maximum light distribution.
- The lamps may be adjusted or replaced without the need to remove the faceplate.

battery

- Maintenance free 6 volt sealed lead acid battery.
- Operating temperature range is 65°F (19°C) to 85°F (30°C) and should provide a service life of 5 to 7 years with SLA battery.
- Provides a minimum of 90 minutes emergency illumination while in the emergency mode.

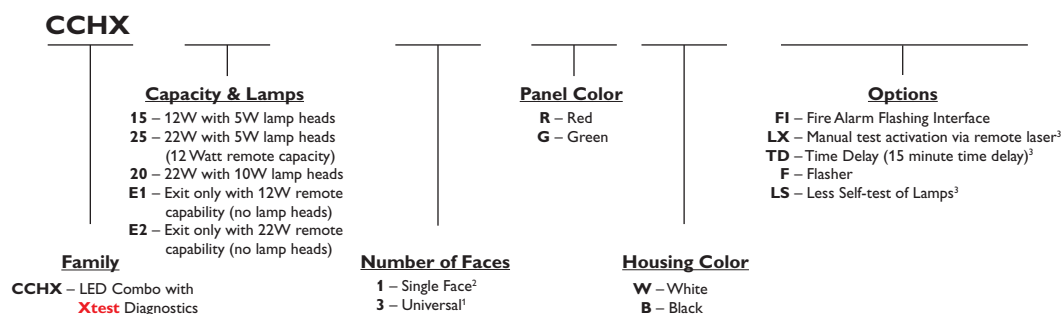
options

- Time Delay (TD) – After power failure and power is restored, the lamp will remain illuminated for a 15 minute period (provided battery capacity remains).
- Manual Test Activation (LX) – To operate using a laser pen: passing laser briefly over the remote sensor simply duplicates the manual button (1, 2, 3) pushes.
- Less Self TEST (LS) – Lamps will not come on when the unit performs its automatic monthly self-test functions.

warranty

- Five year warranty on combo. (lamps not included.)

Green Product Choice: CCHX151RW



Footnotes:

- ¹ Includes extra stencil face and ceiling mount canopy
- ² No canopy provided
- ³ Refer to spec sheet CE-17050 for details

Accessories (order separately)

- CCHCANOPY** – Canopy for allowing single face combo to be mounted to ceiling
- CCHSPWR** – Stencil face plate, white, with red diffuser
- CCHSPWG** – Stencil face plate, white, with green diffuser
- RLT** – Remote Laser Tester
- WG4** – Wire Guard (Wall mount only)

NOTE: Matching remotes available - refer to spec sheet CA-51300.

Xtest testing specifications

- Automatic Test: The system charger and lamps are continually being controlled via pre-determined parameters specific to each model configuration, automatically. The battery is controlled via a true open circuit test each hour after initial installation. Once each month the **Xtest** System illuminates lamps under load for 30 minutes, simulating a power outage with a true charger off condition, without affecting long term battery life. This is above and beyond the requirements of the National Fire Protection Association. This gives you unequalled control and confidence, knowing you are meeting self-test code requirements each and every month.

- Manual Test: A manual test switch allows for the **Xtest** system to perform the following tests at any time:

Press Button:

Once—5 second test, charger off, no load

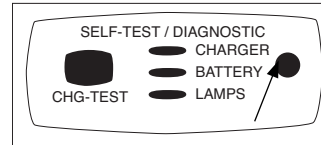
Twice—60 second test, charger off, lamps on

Three—90 minute test, charger off, lamps on

6-Second Hold—Fully reinitializes micro-processor.

Pressing once during any test will cancel/abort testing.

Xtest Status Indicator Panel



Location of sensor for laser activation of manual test via handheld remote laser tester (this is an optional feature, specify "LX" option)

Fault Indications:

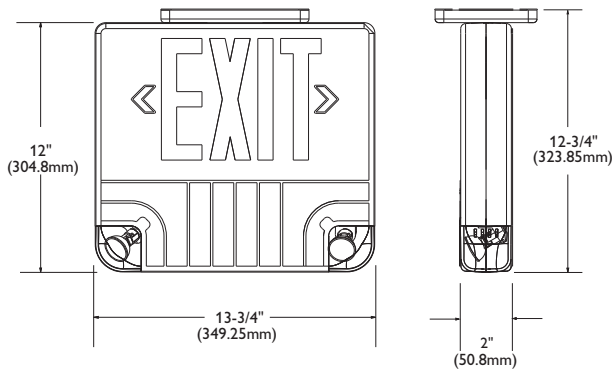
Four LED indicators provide visible indication of system status:

AC/Green	Charger/Red	Batt/Red	Lamp/Red	Status/Fault	Action
On				AC power is on/OK	None
F				Performing Test	None
On	F	F	F	Lamp/Battery Disconnected or Charger Fault	Check connections; if ok, replace circuit board
On	F			Charger fault	Replace circuit board
On		F		Battery disconnected/fault	Check connection or replace battery
On			F	Lamp disconnected/bad or remote disconnected	Check connection then press manual test once to determine bad lamp/replace lamp or check remote lamp.*

On=Steady F=Flashing Blank=Off

*If unit has remote capacity and remote cable is connected to charger board but not connected to a remote load, then either connect remote load or disconnect cable from charger board.

dimensions



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CE-12200 03/13

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