

Quick Start Installation Manual



SkyBox
MA01-EP



Conforms to UL Std. 916

1. Getting to know SkyBox

Your new SkyBox allows your commercial equipment to have a CTA-2045-B port to communicate to the grid to shift the time of use of your device to benefit the grid, reduce your costs, and maintain your comfort.



RESET:

A button which can be pressed to factory reset the SkyBox.
See Table 1 for more information.

QR SYMBOL:

The QR symbol has information that may be scanned.

SN: Serial Number.

Please copy the Serial number below for your records.

SN:

YOUR DEVICE:

2. Review the requirements

To get started, you will need:

- Your SkyBox
Your equipment that has modbus or bacnet communications

Read and follow all of the instructions, cautions, and warnings in this manual.

3. Install the SkyBox

- ❖ Plug the equipment modbus or bacnet communications into the ethernet RJ-45 port.
- ❖ Plug power into the SkyBox.

4. Participation in your Utility Energy Management Program

The SkyBox enables your commercial equipment to be informed of power grid conditions and to respond intelligently when a CTA-2045 Universal Communications Module (UCM) is installed and successfully connects to the grid.

This allows your equipment to become a CTA-2045 Smart Grid Device (SGD) to support the grid.

Your utility's energy management program may collectively optimize power use when necessary to support the power grid. The result is a more efficient and reliable system. This also helps maintain lower electricity rates.

Function	Action	Description
System Reset	Hold button down for 3 seconds and release	Resets SkyBox configuration to the default settings.
Factory Reset	Hold button down for 7 seconds until LED goes off, then release	Restores the SkyBox to factory settings.

Table 1 — Reset Button

Color	Pattern	Description
Off		SkyBox is not receiving power
White	Solid	SkyBox is powered and connected to a local network
	Blinking	SkyBox trying to connect to a local network

Table 2 — LED Status Indicator

FCC Regulations:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.