



PRODUCT DESCRIPTION

The BMTKP-M-200-1-BLE-SR Time Keeper is a wireless synchronization device for wireless mesh network, featuring battery backup for uninterrupted operation. With simple plug-and-play installation and extended Bluetooth range, it ensures reliable timekeeping across distributed systems.

ORDERING INFORMATION

Description

BlueMesh Bluetooth® Mesh Line Voltage Time Keeper

Part Number

BMTKP-M-200-1-BLE-SR

TECHNICAL DATA

Product Type	Time Keeper with Battery Backup
Input Voltage	120V-277 VAC, 50/60Hz
Mounting	Surface Mounted Enclosure
Storage Temperature	-40°F to 185°F (-40°C to 85°C)
Operating Temperature	-22°F to 158°F (-30°C to 70°C)
Max Bluetooth Range	900ft (274m)
Relative Humidity	90-95% @ 86°F (30°C), non-condensing
Color	Gray

FEATURES

- Bluetooth® NLC Certified.
- Master Timekeeping Node.
- Includes Cord and NEMA 5-15P Plug.
- Conforms with DLC NLC5 & Cybersecurity Standards.
- Pre-installed NEMA 5-15P plug.

Wireless Control Operation

The BlueMesh Time Keeper is a Bluetooth® NLC-certified device by the Bluetooth® SIG, offering true multi-vendor interoperability. Configuration of the device and mesh network is accomplished via the BlueMesh web portal or iOS mobile app, which handles initial setup and subsequent parameter adjustments. See the *BlueMesh Commissioning User Manual* for details.

Note:

1. Bluetooth range depends on fixture integration, surrounding environment, and conditions. Conduct testing to verify range accuracy.

Master Timekeeping with Battery Backup

Equipped with a Charge Keeper-maintained battery, it provides uninterrupted time synchronization for up to 24 hours during power failures.

Extended Range & Mesh Stability

An integrated Range Extender enhances signal reliability across large areas, supporting a Bluetooth range of up to 900ft (274m).

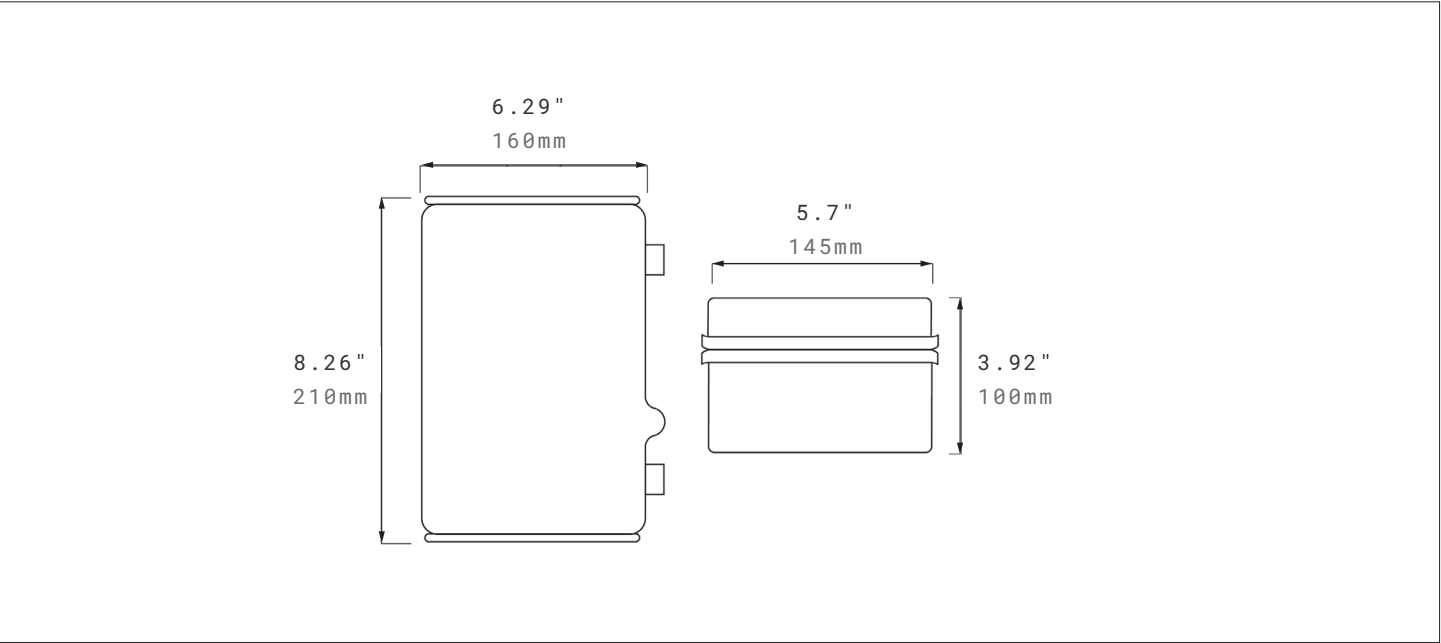
Versatile Power Compatibility

Features a pre-installed NEMA 5-15P plug for 120VAC setups, or hardwired installation for higher voltages.

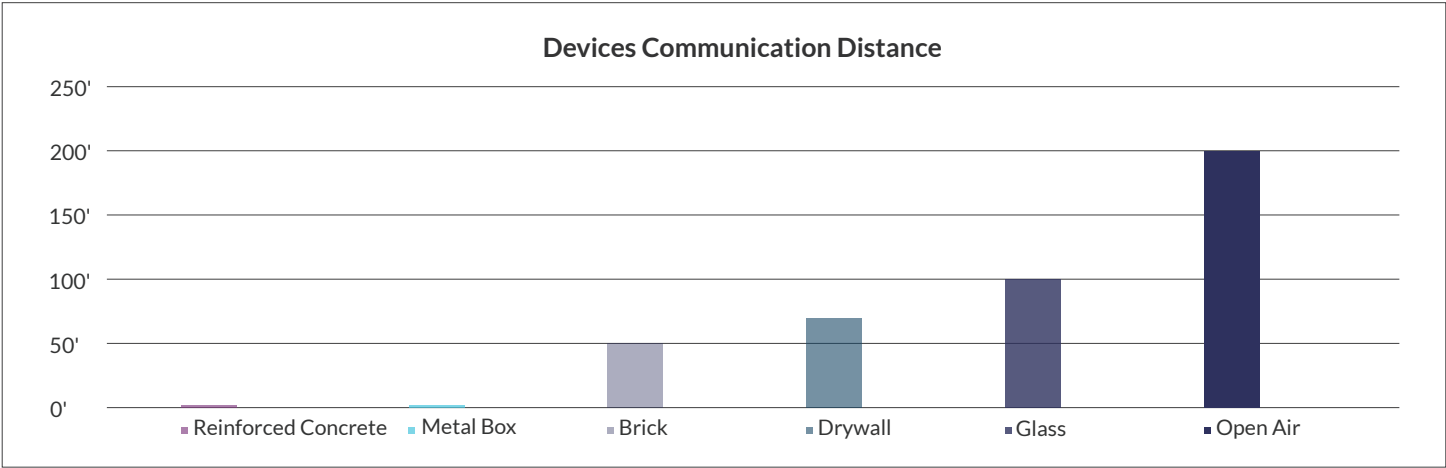
Robust Enclosure & Compliance

Features a surface-mounted non-metallic enclosure (NEMA 5/IP52 rated), compliant with DLC NLC5 and cybersecurity standards.

DIMENSIONS

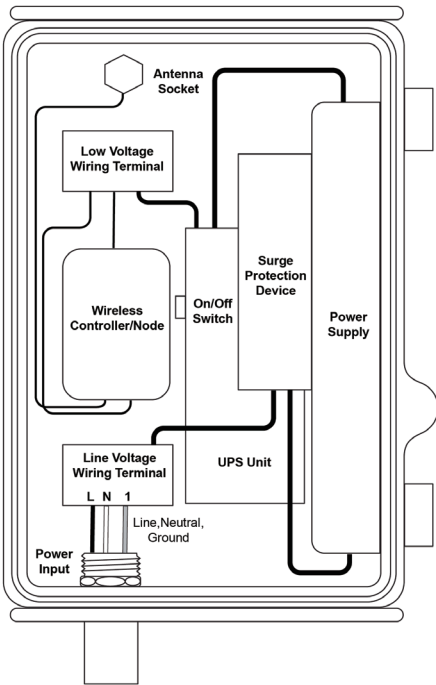


DEVICES COMMUNICATION DISTANCE



WIRING

Internal Layout and Wiring Table



Line Terminal	Designation	Notes
Terminal L	120-277VAC Line Input	Line Input
Terminal N	120-277VAC Neutral Input	Neutral Input
Terminal 1	Ground Line Input	Ground Input

- Note:**
- To enable battery backup, switch UPS unit to ON after installation to charge battery. Battery must charge for a minimum of 24 hours before providing backup capability.

WARRANTY

5 years limited warranty.

Ref#: 20250801