

PROJECT

TYPE

CATALOG #



The ANT-5-4T-BLE-CON-GE-TM is equipped with a built-in range extender that ensures high-quality mesh signals over extended distances, making it perfect for outdoor use. It offers 0–10V dimming capabilities and is crafted for smooth integration into Bluetooth® mesh networks.



CONSTRUCTION

- ANT-5-4T-BLE-CON-GE-TM is suitable for a variety of indoor and outdoor applications. It comes with 3.5mm audio jack, and is IP 65 rated.
- Constructed of white/black polycarbonate.

INSTALLATION

- Plug & Play design, Mounts via G1/2 threaded base.
- Max mounting Height: 40ft(12m).
- Standard magnetic reset (Touch the top part of sensor for 5 seconds).

ELECTRICAL

- ANT-5-4T-BLE-CON-GE-TM provides reliable time synchronization for each node of the wireless mesh network.
- Programmable settings, including time delay and brightness, are configurable through the Bluezone app.
- Features like parameter profiles, manual dimming control, and real-time sensor feedback can enhance configuration speed and provide users with customized control.
- Bluetooth® range is 500' (150m) line of sight; actual range is highly dependent on fixture integration and surrounding environment. On-site testing is recommended to confirm range accuracy.
- The ANT-5-4T-BLE-CON-GE-TM features an integrated range extender that maintains mesh signal quality across long distances, making it ideal for outdoor applications. It supports 0–10V dimming and is designed for seamless integration into Bluetooth mesh systems.
- It features a battery backup unit to provide continuous time operation during power outages. The battery is maintained by the integrated Charge Keeper and, with a required charge time of 48 hours, maintains master timing for up to 24 hours.
- Each unit is assembled with plug and play base. No need to add other extra time keeper.

ORDERING INFORMATION

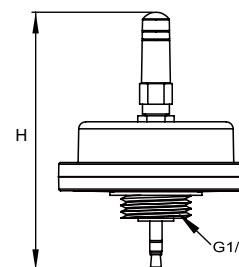
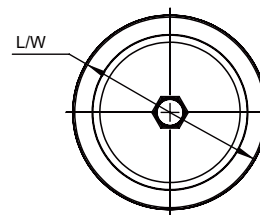
Part Number	Description
ANT-5-4T-BLE-CON-GE-TM	3.5mm Audio Jack Connector DC Fixture Controller with time keeping function, White

TECHNICAL DATA

Parameter	Specification	Parameter	Specification
Input Power	12-24VDC, max 50mA	Warranty	5 years
Control Output	0-10V, max 25mA sinking current	Weight	1.16 oz (33g)
HF System	N/A	Color / Finish	Translucent white
Transmission Power	<0.2mW	Enclosure Material	Polycarbonate
Mounting Height	N/A	Wireless Standard	Bluetooth SIG Mesh / BLE 5.0
Detection Angle	N/A	Mesh Range (node-to-node / commissioning)	500ft/50ft
Operating Temperature	-4°F~+167°F(-50°C~+75°C)	Encryption	AES 128-bit
IP Rating	IP65	Mobile App	Bluezone App (IOS /Android)
Max Bluetooth Range	500ft (150m)	Gateway Required	Optional

COMPLIANCE & CERTIFICATIONS

Item	Status / Reference
DLC NLC Qualified	pending
Bluetooth Qualification (BQB)	pending
Cybersecurity	ISO 27001, ISO 27017, CSA STAR & ioXt



L (in)	W (in)	H (in)
2.17	2.17	1.72