

Features

- WPC Qi V1.2.4 certified, compatible with all Qi enabled devices.
- Wireless fast charge to Apple iPhone X, iPhone 8 plus, iPhone 8 and Samsung S8, S8 edge, S7, S7 edge, S6 edge+, Note5.
- Simply integrated in any products like household electrical appliances, furnitures, ceramics, cars and public facilities.
- Simple retrofitting into furniture by drilling from above or from the below of the surface.
- USB Jack, charging cable.
- Optional accessory : QC 3.0 adapter



Input Characteristics

- Input Voltage & Frequency

Item	Minimum	Normal	Maximum
Input Voltage	4.75VDC	9.0VDC	9.5VDC

Charging Mode	Qi 5W	Qi 10W	Samsung Fast Charger	iPhone Fast Charger
Frequency	110 ~ 205 kHz			127.7kHz ± 0.4kHz

- Input Current

1.75A max. @ 9.0VDC	Full load
1.65A max. @ 5.0VDC	Full load
- Rush Current (cold)

2.00A max. @ 9.0VDC	Full load & Ambient temperature 25°C
1.85A max. @ 5.0VDC	Full load & Ambient temperature 25°C
- Energy Consumption ≤ 0.625W

Output Characteristics

- Output Mode at the Receiving End

TX Input Voltage	Charging Mode (RX)			
	Qi 5W	Qi 10W	Samsung Fast Charger	iPhone Fast Charger
9.0VDC	V	V	V	V
5.0VDC	V			

Protection Requirement

- Short Circuit Protection
When the output of RX is short-circuited, the input power should decrease or stop supplying so that the power supply will not be damaged. And it should automatically recover when the fault is resolved.

- Over Current Protection (OCP)
 OCP Point Limited : 120%~130% auto restart
 When the output at the receiving end exceeds the OCP point, the current output should stop immediately; and restored when the fault is resolved.

Reliability Requirements

- Reliability Test

Test items	Test conditions
Storage at high temperature test	+60°C, 16hours
Storage at low temperature test	-20°C, 16hours
Operating at high temperature test	+40°C, 8hours
Operating at low temperature test	-20°C, 8hours
High / Low temperature cycle test	+40°C (2Hrs) → -20°C (2Hrs) → +40°C (2Hrs) → -20°C (2Hrs) continually work 24hours

- Burn-in : 2 hours under +35°C (±5°C), nominal input voltage, nominal load.

Environment Requirement

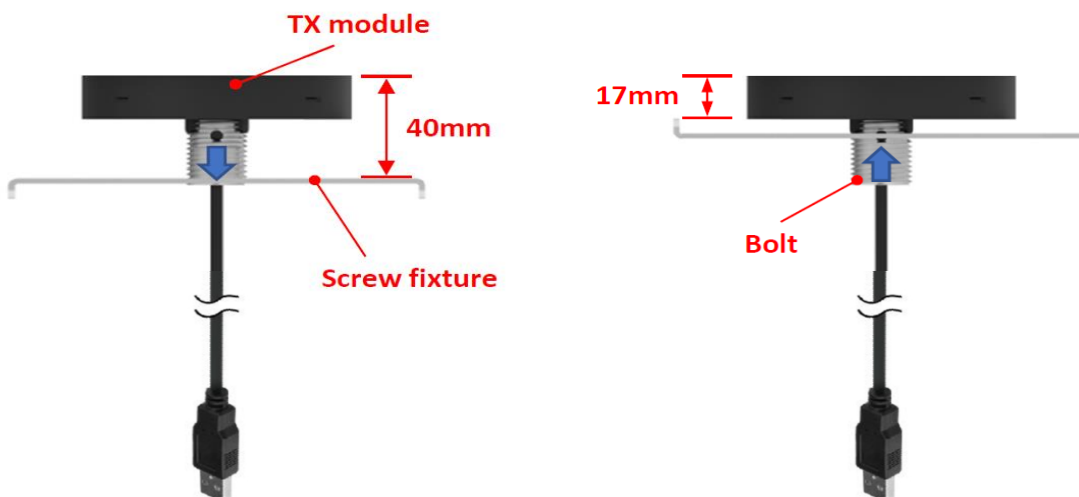
- Operating Temperature and Relative Humidity
 0°C to +40°C, 20%RH to 80%RH @ altitude shall be below 10000 feet.
- Storage Temperature and Relative Humidity
 -20°C to +60°C, 10%RH to 90%RH (non-condensing) @ altitude shall be below 30000 feet.

Execution Standards (Compatible with these specifications)

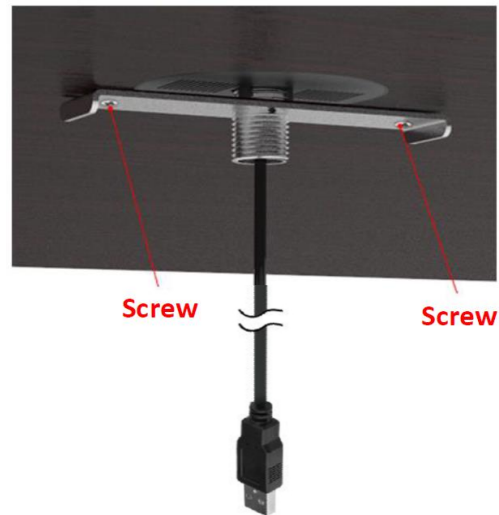
- EMC Standards

EN55032	EN55024	FCC-Part15
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Installation Method



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**Note:**

- (1) Screw fixture design enable you to secure the TX module to a range of work top thickness (17mm~40mm)
- (2) Fits the TX module into the hole in work surface from top.
- (3) Fits the screw fixture to a range of desk thickness and fix it with the screws.

Others

- Size : $\Phi 84 * 44\text{mm}$
- Weight : $136 \pm 3\text{g}$
- Please use the correct rated AC adapter to ensure the normal function.

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