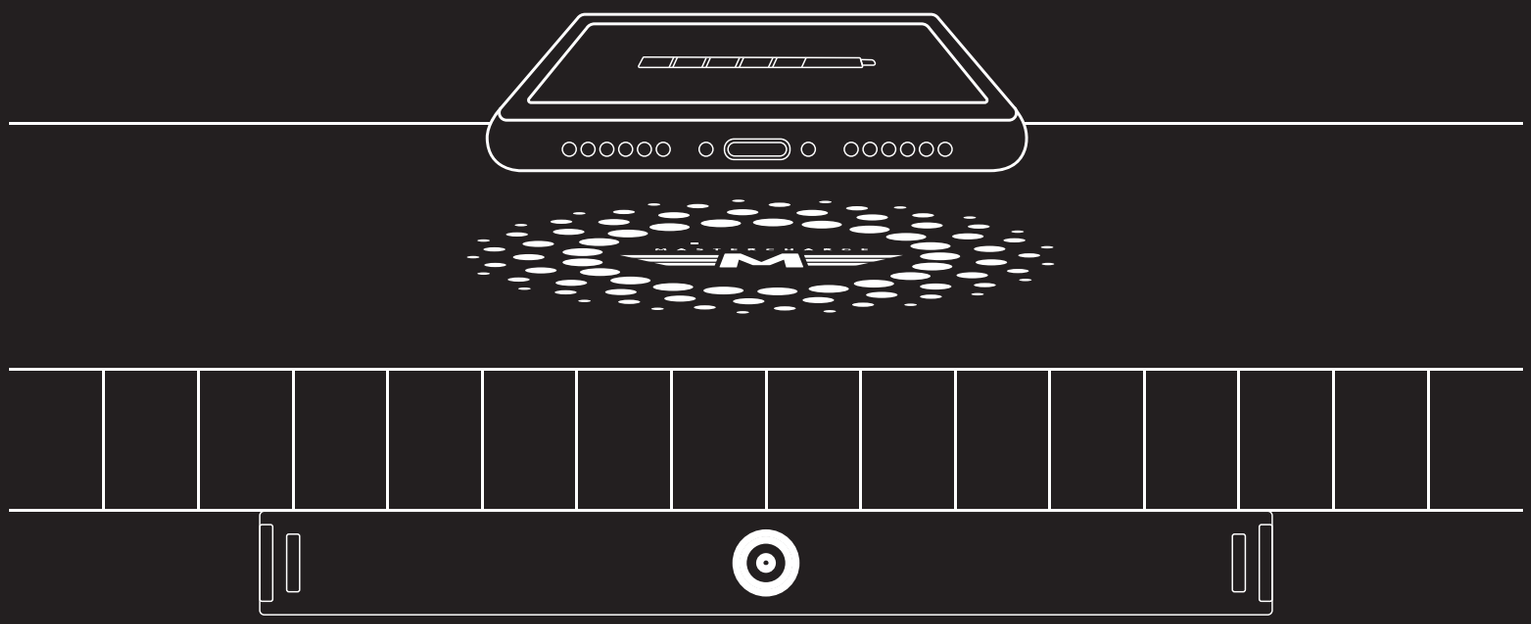
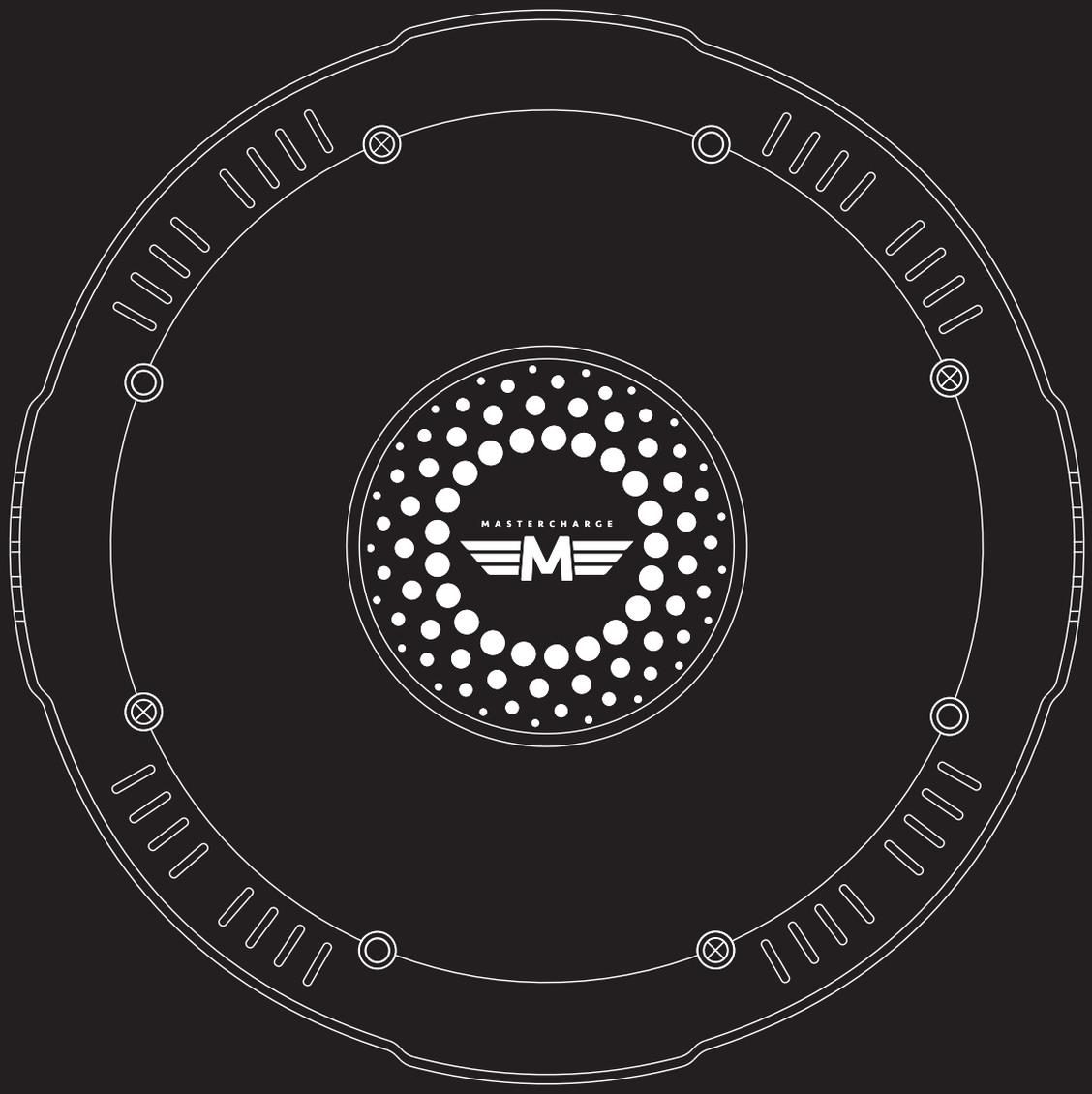
MASTERCHARGE

MASTERCHARGE INVISIBLE® LR
Qi ENABLED WIRELESS CHARGER



MASTERCHARGE

Thank you for choosing this product!
Please read this user manual carefully before use.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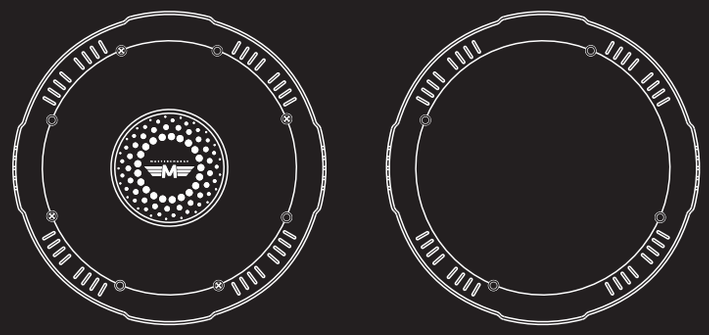
Product Introduction

The Mastercharge LR Invisible® has been designed for long range wireless charging through a multitude of substrates.
Charging sensing distance: The distance between the magnetic induction coil built into the wireless charger and the compatible device should be no less than 15mm and no greater than 30mm. Please note metal and heavy duty phone cases can effect the performance of this product.

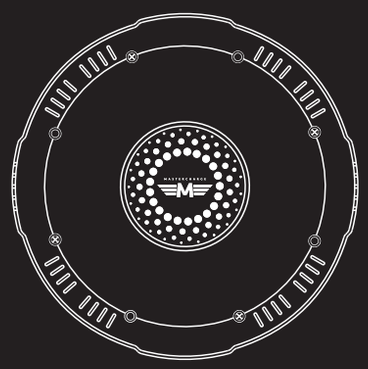


Name	MC-LR-1C
Wireless charging standard	Compatible with Qi-BPP/SFC/iPhone
RX Power	10W
TX input voltage / current	DC 24V/1A
Effective charging distance	15mm - 30mm
Effective charging area	Phi 20mm
Typical charging efficiency	72-80%@10W
Working frequency	115k-205kHz
Stand-by power consumption	<0.1W
Protection	FOD, OTP, OVP
Certification	FCC, CE, RoHS, PSE etc

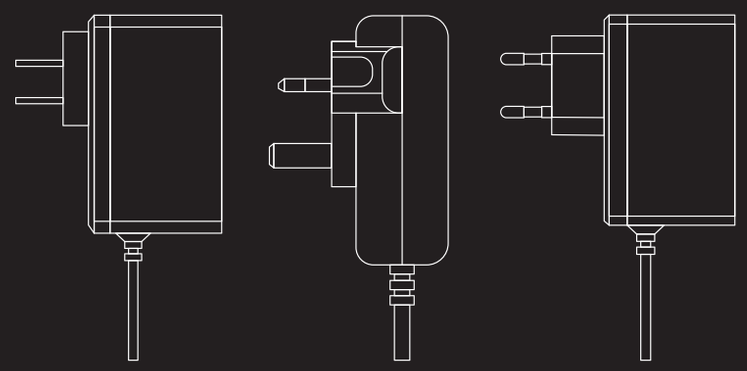
The above parameters are results from test lab conditions and Mastercharge partner substrates. Practical parameters may differ on untested materials.

What’s In This Box?

Wireless Charger

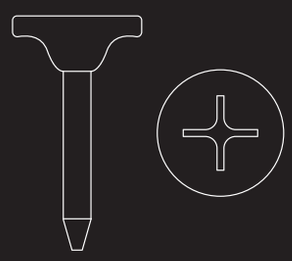


Power Adaptor



Adhesive Sticker

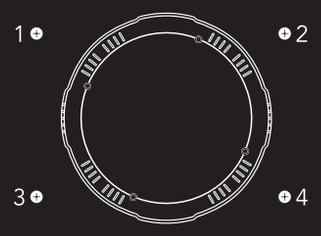
Mounting Screws



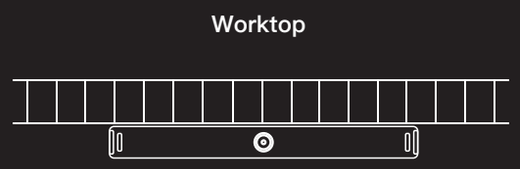
Charging Location Indicator Label

Installation Instructions

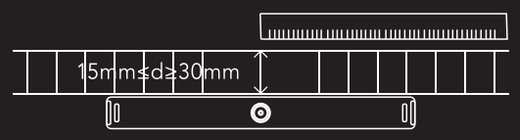
Installation Mode 1 -- Screw Fixation



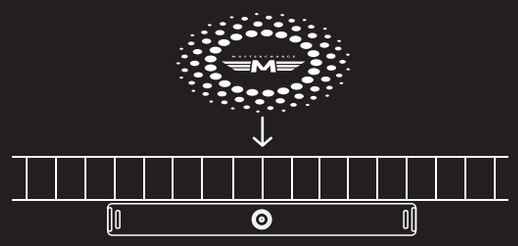
❶ Thread the screws from the fitting kit through the 4 holes in the charger



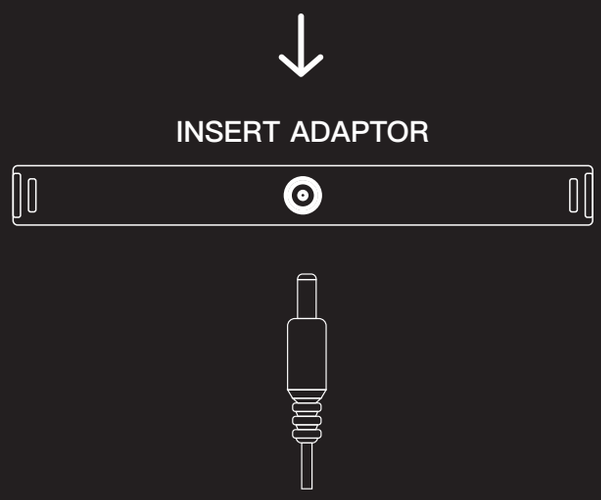
❷ Screw the charger into desired position on the underside of substrate



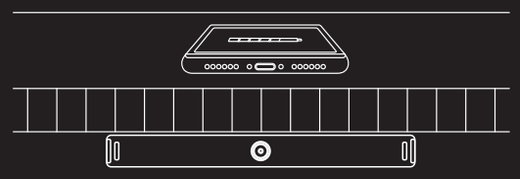
❸ Measure and mark the corresponding centre position of the charger on the surface of the substrate



❹ Adhere the Mastercharge Location indicator label centred to the marked location



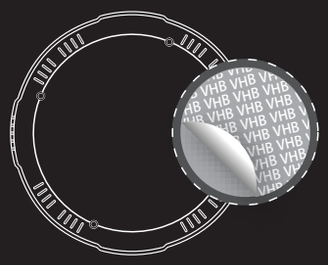
❺ Plug the power adaptor into the charger



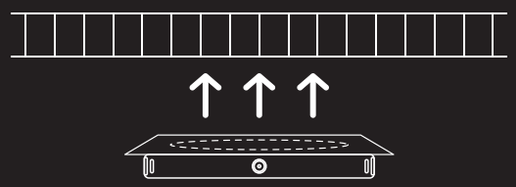
❻ Installation is now complete! Place your device on the Location label to activate charging

Installation Instructions

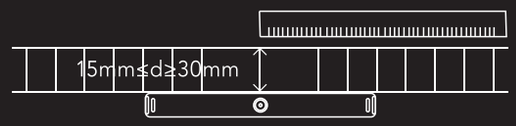
Installation Mode 2 –– 3M Adhesive



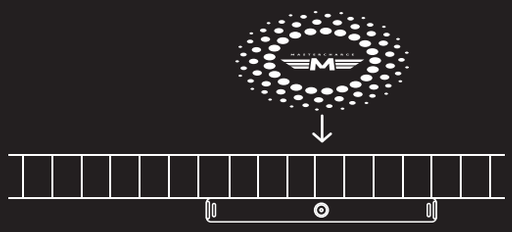
❶ Adhere one side of the 3M pad to the top side of the charger



❷ Peel off the 3m pad protector and postion in desired location. Hold in place until a bond has formed to substrate



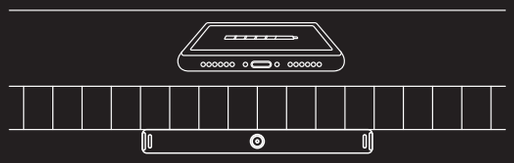
❸ Measure and mark the corresponding centre position of the charger on the surface of the substrate



❹ Adhere the Mastercharge Location indicator label centred to the marked location

INSERT ADAPTOR

❺ Plug the power adaptor into the charger



❻ Installation is now complete! Place your device on the Location label to activate charging

Directions for use

1. Connect the wireless charger with the power source, and the indicator light turns red.
2. Put the mobile phone in the induction zone to charge. When the charger is working, the indicator light turns green.

⚠ Note: Only can be used by the device that conforms to QI standard.

Attentions

1. Do not press and shock heavily product.
2. Do not split or remould the product by yourself.
3. Do not put the product near to fire or put it into water.
4. Do not use the wireless charger under severe conditions, such as high temperature, humidity & corrosion, in case causing electric leakage.
5. Do not put the product near to mag-card (credit card, bank card etc), in case causing the magnetism invalid.
6. Do not put metal or phone case with metal on the charger.
7. Keep the product away from water or other liquids.
8. If you need to clean the product, be sure the power is cut off.

Warranty Regulations

1. Product Warranty

Mastercharge LTD provides a functional components 2 year warranty upon registration.

2. Disclaimer

The following cases are not covered by warranty:

(1) Damages caused by preservation or improper use not according to product specification.
(2) All appearance defects caused after product acceptance whether through express, logistics, air transport or sea transport.
(3) Other components excluding functional components and power adaptor.
(4) Damages caused by natural disasters or external force majeure.
(5) Warranty registration proof (must be registered within 28 days)
(6) Customer cannot provide proof of purchase.
(7) Cosmetic damage.

Notes: Mastercharge LTD Only assumes responsibility or product itself.
Remark: The Company reserves the final explanation rights within the limits permitted by law.

FCC Warning

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.
(2)This device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: 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 or more 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Refer to FCC Part 18.213(c) and KDB 784748 Anner A section A.5:
(a) Max. Electric Field Emissions: 6.25V/m
Max. Magnetic Field Emissions: 0.54A/m
(b) The maintenance of the system is the responsibility of the manufacturer.
(c) To prevent interference, the product should be as far away from devices operating at the same frequency as possible.

RF Exposure Considerations
This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.