

# arc-H LD



The ARC-H LD through surface wireless charger offers the ultimate in charging convenience. Designed for table thickness of 20-50mm\*, ARC-H LD can be installed without the need to cut into work surfaces.

OE's patented design uses a secondary resonant coil to focus the energy field and provide maximum efficiency and the fastest possible charging speeds.

Providing up to 15 Watts of charging power, ARC-H LD is great for touch and go charging for a quick battery top up or if you have a little longer even a full charge.

The ARC-H LD resonator pad is available in Basalt Grey or White

\*20-30mm to comply with FCC Part 15

\*thicknesses 25mm + require OE's electronic alignment tool

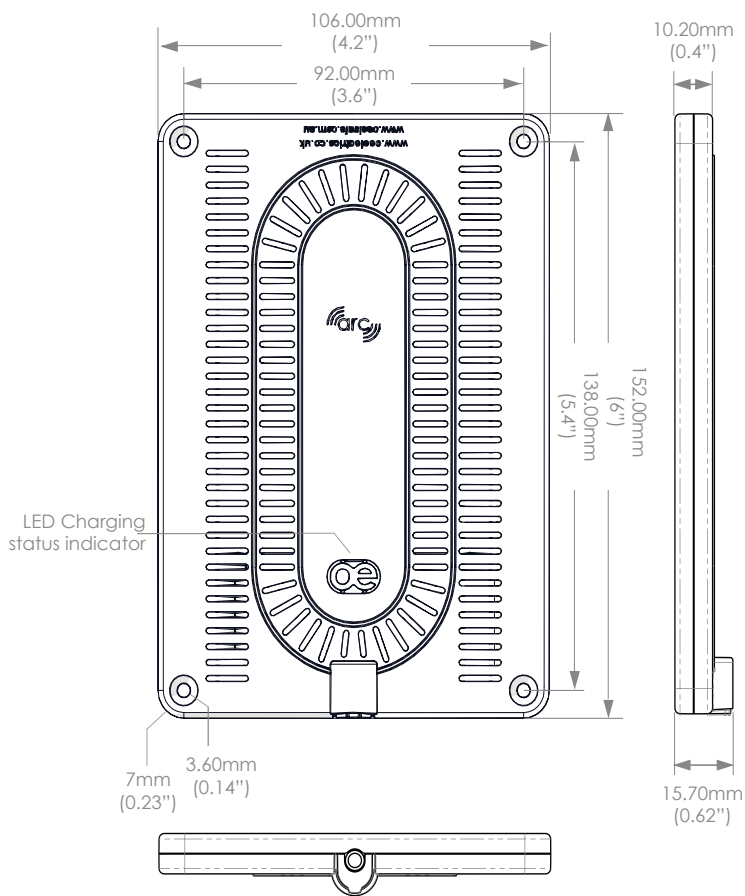


## USPs

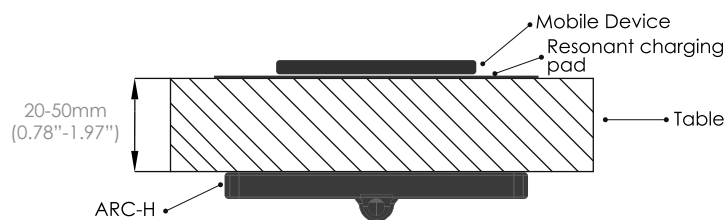
- 15 Watts of charging power
- Supports Samsung 10W and Apple 7.5W fast charge
- No finished surface cutting required
- Surface thicknesses 20-50mm (.78-1.97")
- F.O.D. detection
- LED charging status indicator

# technical

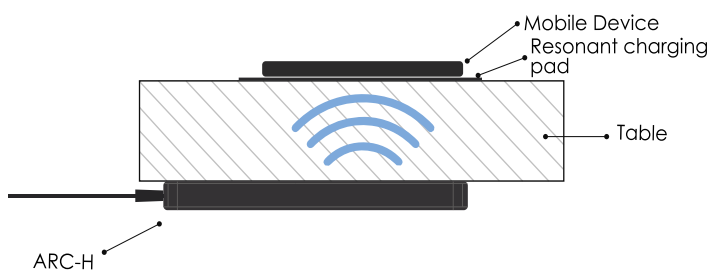
## ARC-H Dimensions:



## ARC-H Front View:



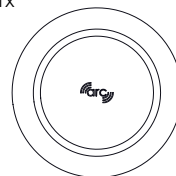
## ARC-H Side View:



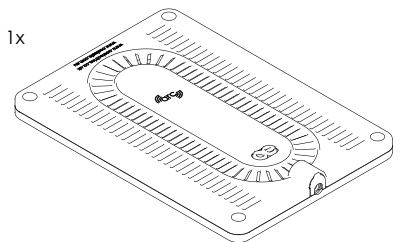
## Specifications:

Output power:	Up to 15W
Input power:	19V/0.94A
Standby power:	0.2W
Charging Z-Distance:	20-50mm (.78-1.97") surface thickness
Desk Thickness:	No under desk routing for surfaces up to 20-50mm (.78-1.97"). 30mm+ surfaces require under desk routing to comply with FCC requirements.
Certification:	Qi Compatible FCC part 15 (when installed under surfaces 20-30mm (0.78"-1.18") thick) IEC62386-1:2014 +A11:2017 EN50655:2017 ETSI EN 301 489-1 V2.2.0 (2017-03) ETSI EN 301 489-3 V2.1.1 (2017-03) ETSI EN 303 417 V1.1.1 (2017-09)
Colors:	Basalt Grey or White Resonator Pad
In the box:	1 x ARC-H (LD), 1 x Power Adapter with 1.5m (59") lead and NEMA, UK, Euro 2 pin, and Australian/Chinese plugs 1 x Resonator pad, 1 x Alignment Magnet, 1 x Alignment Template, 3 x Cable Clips, 1 x Installation Manual

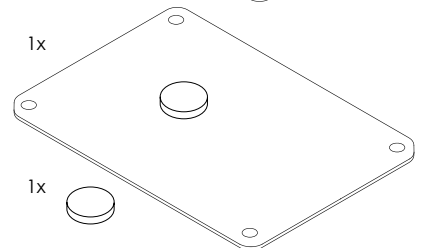
1x



1x



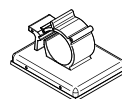
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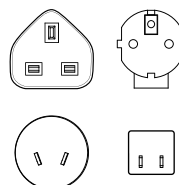
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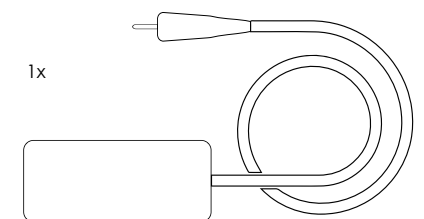
3x



1x



1x



**The ARC logo on the underside of the ARC-H & magnet (on the alignment guide) indicate the centre of the charging coil. Ensure the unit is mounted aligning the Resonator Pad with the arc logo.**

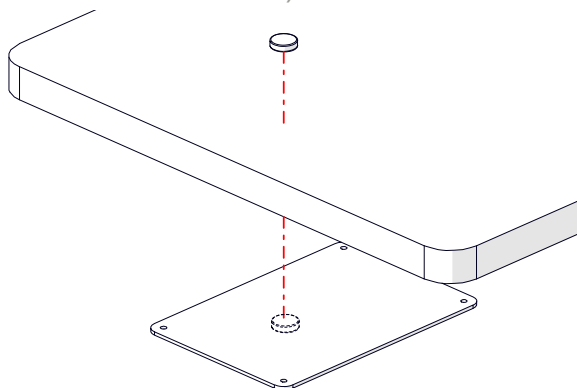
# technical

## Installation

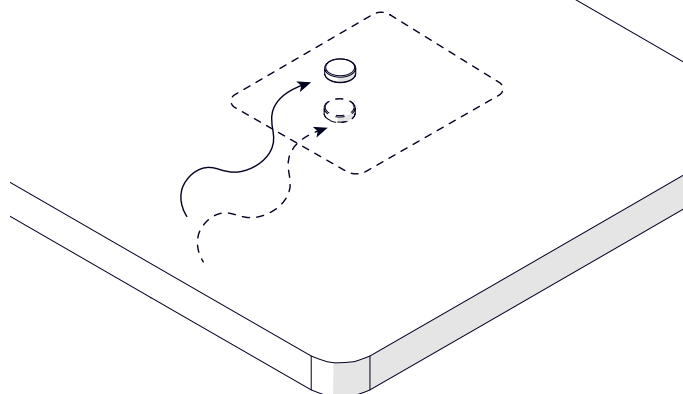
In box magnetic alignment card will work for desks up to 1" (25mm) thick. An electronic alignment guide is separately available (for desks over 1" (25mm) thick)

ARC-H (LD) is designed for surfaces 20-50mm (0.78-2") thick. However, for USA, FCC compliance requires ARC-H to be fitted to work surfaces 20-30mm (0.78-1.18") only

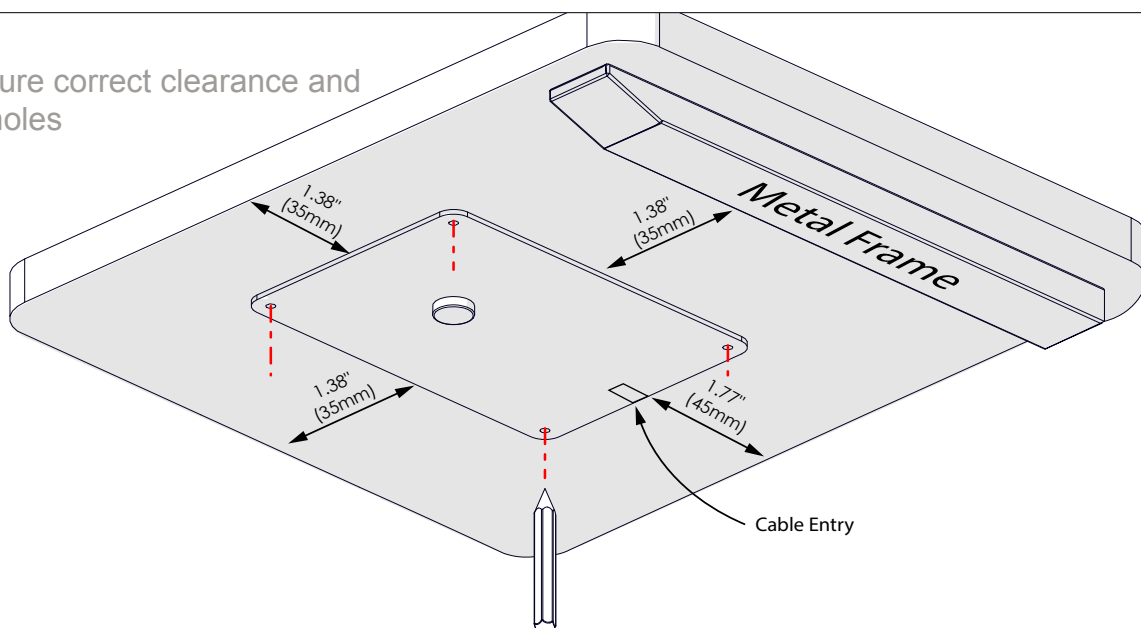
- 1 Attract magnets (thicknesses up to 25mm / 0.98")



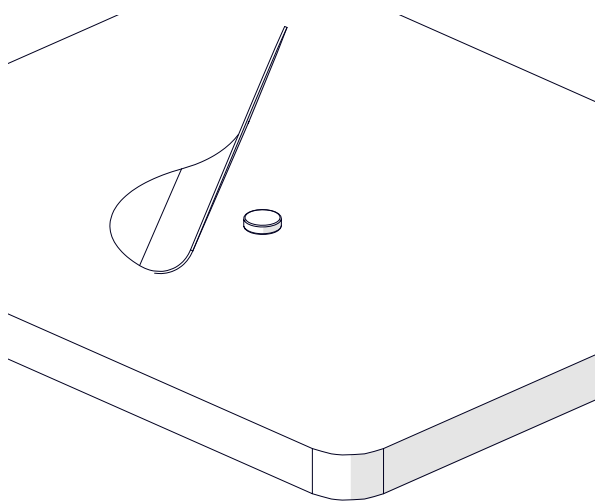
- 2 Move guide to your desired location



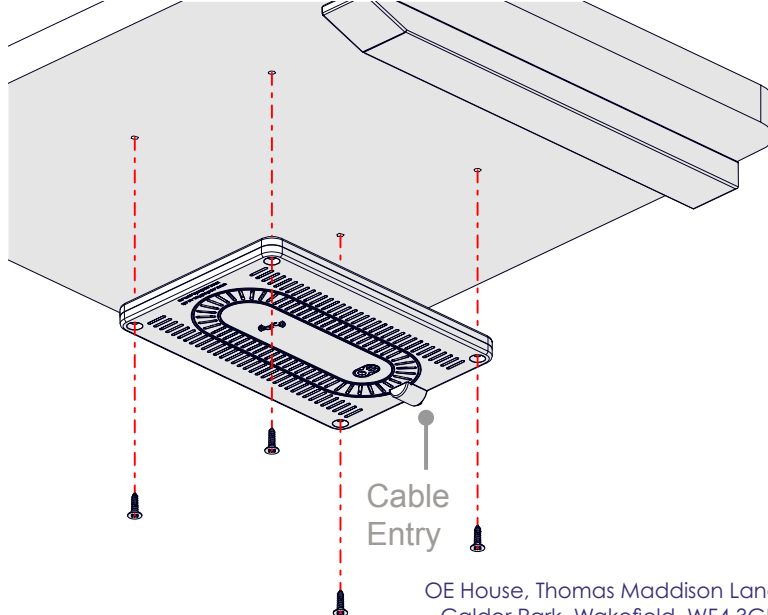
- 3 Adjust to ensure correct clearance and mark screw holes



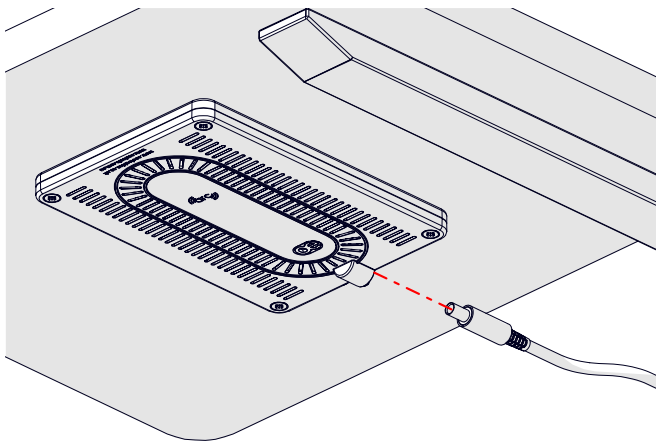
- 4 Place Resonator Pad where magnet indicated



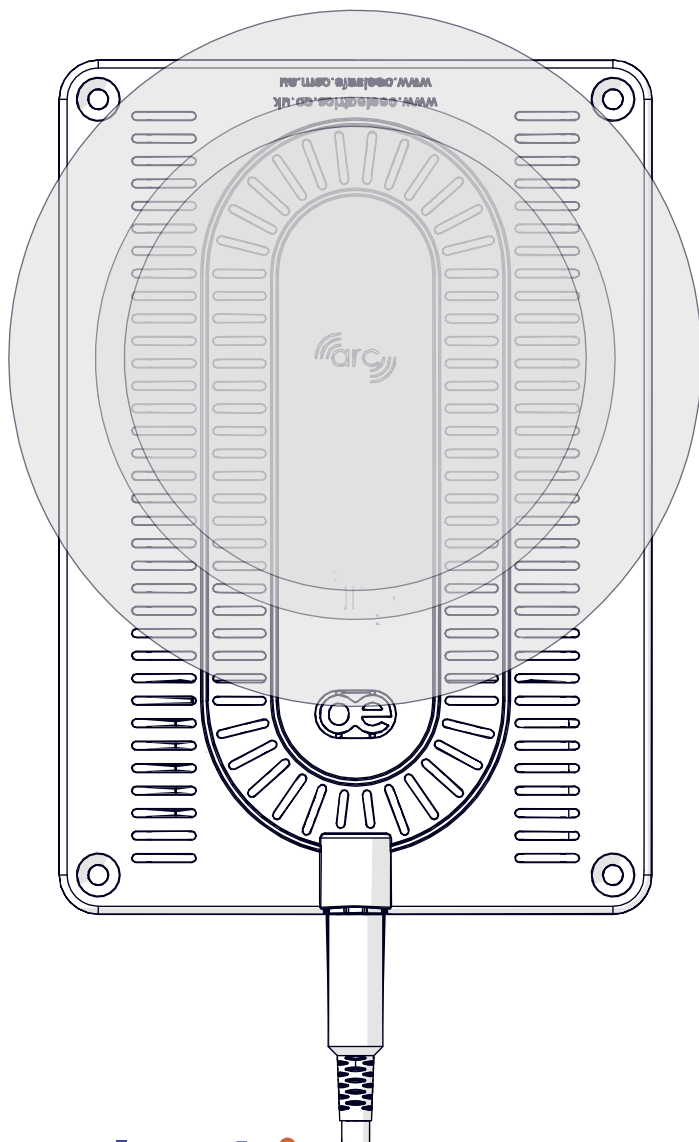
- 5 Fit ARC-H with tape (provided) or screws



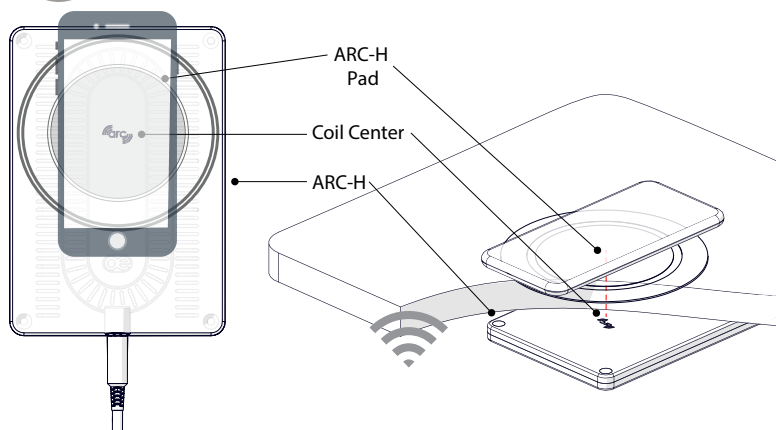
### 6 Connect power and check for blue LED



### 8 The ARC logo identifies the coil center which must be aligned with the Resonator Pad



### 7 Place phone on the Resonator Pad to charge



The ARC logo identifies the coil center which must be aligned with the resonator pad

### 9 Common queries / installation problems

#### Common queries

**The phone will not charge when I place the phone directly on the charger, to check it works before installation?**

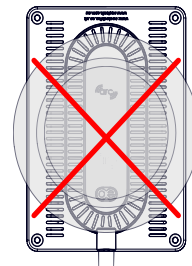
The charger will not charge a phone unless it is separated (and aligned) from the phone by at least 0.8" (20mm)

**The magnets will not attract each other through my desk?**

The magnets only work up to 1" (25mm). Either route the desk underside to <1" (25mm) thick or call to purchase the Electronic Alignment Guide

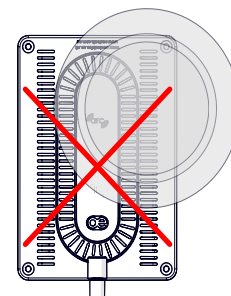
#### Common installation errors

Pad fitted over the center of the charger  
- WILL NOT WORK



The charging coil is Off-Center, the alignment guide must be used to guarantee accuracy

Pad misaligned - WILL NOT WORK  
The alignment guide must be used to guarantee accuracy



#### LED Functions

**Slow on/off blue** - Device is on and in stand-by mode

**Solid blue** - Device in on and in charging mode

**Red** - Error mode

• **Foreign Object Detected** - Remove metal from near charger

• **Phone is too close** - Move phone greater than 15mm away

• **Plug pack issue** - Use only original plug pack

• **NON-compatible device** - Upgrade phone

