

22 System - Introduction

The 22 System is a minimal suite of flush-mounted electrical and data devices that can be mudded into drywall or set into a variety of rigid finish materials. Trimless and flush mounted, the 22 propels a necessity to a luxury.

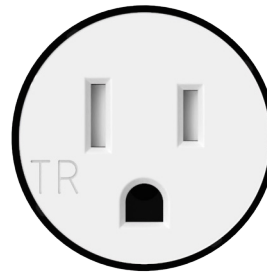
A marriage of technology and design, the 22 operates in conjunction with standard device boxes with kits suitable for installation into any material.

Electrical accessories can now match the care applied elsewhere in the design/build process, a solution to minimize visual noise and create a cohesive experience right down to the details.

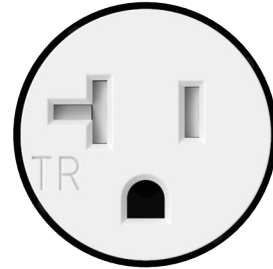
The 22 offers a range of devices: from tamper resistant outlets to data and communication components, as well as single pole and momentary switches for home automation systems — all UL approved.



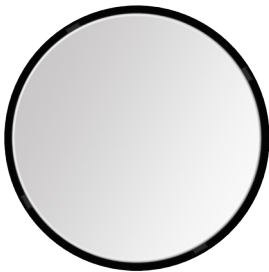
22.3.7
Outlet - 15A



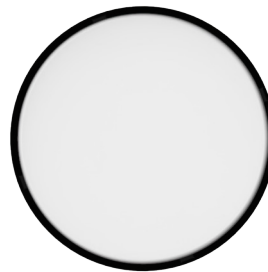
22.3.8
Outlet - 20A



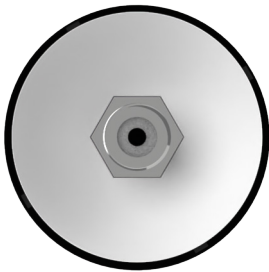
22.3.6
Keypad control



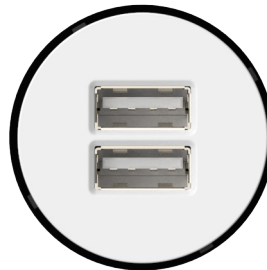
22.3.2
Single pole on/off



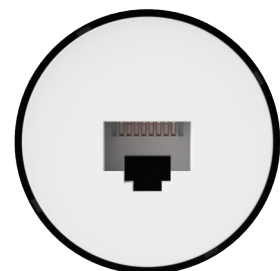
22.3.5
Cable F connector



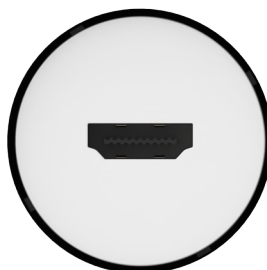
22.3.10
USB-A



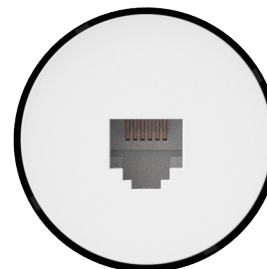
22.3.9
Data RJ45 CAT6A



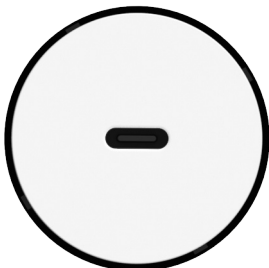
22.3.12
HDMI



22.3.3
Telephone



22.3.11
USB-C

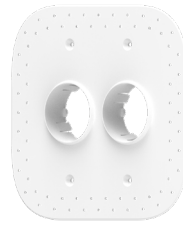


Drywall Only Mounting Plates

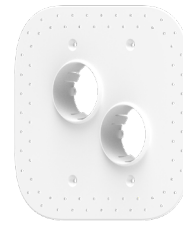
Designed for drywall only applications, these mounting plates mud-in directly over drywall with a skim coat of plaster feathered outwards from the mounting plate. Available in three configurations: single, double linear and double diagonal.



22.2.1
Single



22.2.2
Double linear



22.2.3
Double diagonal



Alternate Material Mounting Plates

The alternate mounting plate is designed to be used with rigid surfaces such as millwork, stone, glass, tile, metal, etc. and will accommodate a range of finish material thicknesses. Refer to our "[Material Selection Guide](#)" to specify the appropriate device depth for your installation. Available in three configurations: single, double linear and double diagonal.



22.2.5
Single



22.2.4
Double linear



22.2.6
Double diagonal

Tools

Additional tools to complete your 22 System installation. An installation tool is required for each 22 System project.



22.1
Removal tool



22.1.2M
Trim cap



22.1.4
Linear alternate template

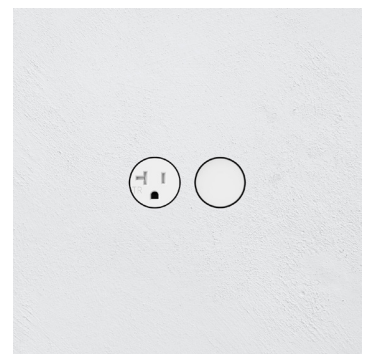
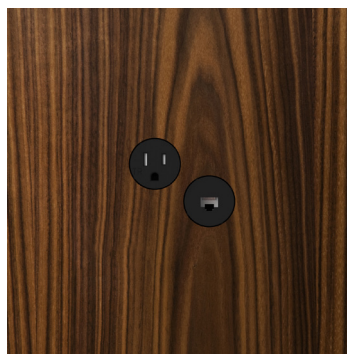
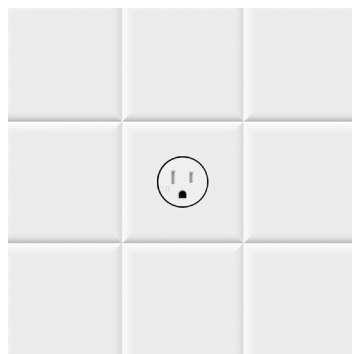
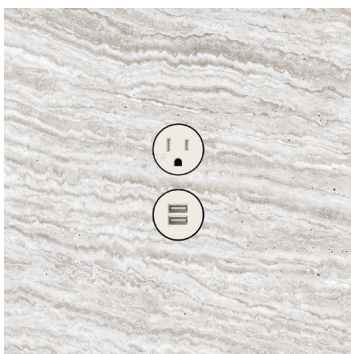


22.1.6
Diagonal alternate template

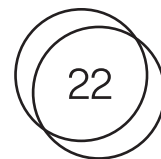
Colours

To integrate with a variety of finishes, the 22 System devices are available in four colours: white (RAL 9016), black (RAL 9017), almond (RAL 1013) and grey (RAL 7038).

Custom colours and finish options are also available for larger orders, please contact us to discuss your bespoke request.



22 System - Colour Options



The 22 System is a minimal suite of flush-mounted electrical and data devices designed for installation into any material. To integrate with a variety of finishes, the collection is available in four colours: white, black, almond and grey.

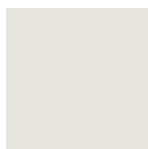
Custom colours and finish options are also available for larger orders, please contact us to discuss your bespoke request.



WHITE
RAL 9016



BLACK
RAL 9017

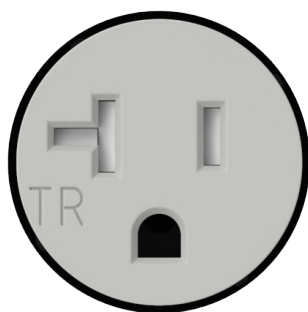
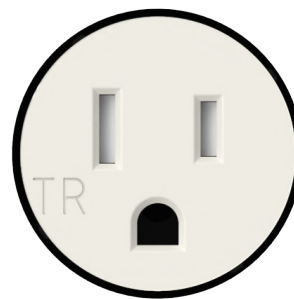
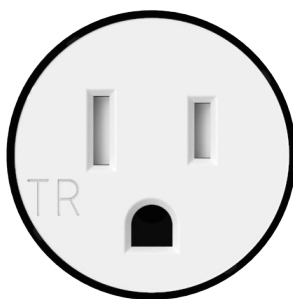


ALMOND
RAL 1013



GREY
RAL 7038

Please take into account colour variance in screen and print. The RAL codes provided are the closest approximation.



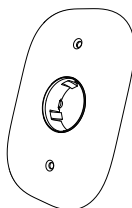
Device Depth Selection Guide: Alternate Material

22

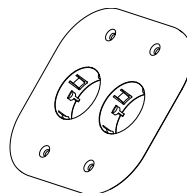
Millwork, stone, glass, tile, metal, etc.

Configuration

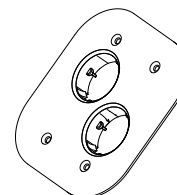
Use alternate material mounting plates. Either single (22.2.5), double linear (22.2.4), or double diagonal (22.2.6) depending on the configuration desired. Follow through to the next steps to determine device depth.



single
22.2.5



double linear
22.2.4



double diagonal
22.2.6

1. Material Thickness

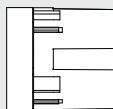
Determine material thickness.

If the material thickness is not standard, select the closest thickness.

6.35mm (1/4")



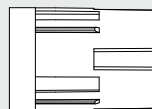
Short



19mm (3/4")



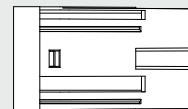
Medium



31.75mm (1-1/4")



Long

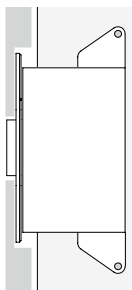


2. Device Depth

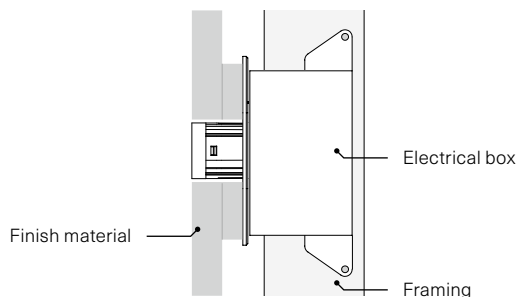
All operable devices are available in standard device depth (unless specified otherwise).

Material Type

Is the back end of the material easier to machine down (hardwood, MDF) or shim up (stone, tile) to reach either 6.35mm (1/4"), 19mm (3/4"), or 31.75mm (1-1/4") thickness?



Machine down (suitable for soft material)

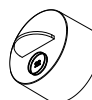


Shim up (suitable for hard material)

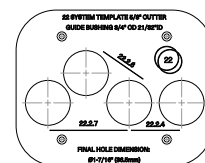
Additions

Depending on the material, there are additional tools you can use to make your installation easier.

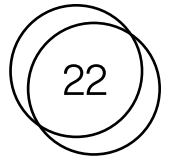
Use the trim cap when installing into a wet surface such as tile/grout, plaster, et cetera. One trim cap required per device. They may be reused.



Use a router template for alignment and as a guide for routing. Depending on the material, use with a guide bushing or 36.5mm (1-7/16") Forstner bit, or CNC to cut holes in finish material.















22 System Overview



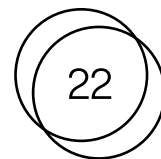
Single Kits

(one device + one mounting plate)

1 of 2

SINGLE KITS		Material	Short	Medium	Long
Outlet kit - 15A 22.5.5		alternate	✓	✓	✓
Outlet kit - 15A 22.5.1		drywall	✓		
Outlet kit - 20A 22.6.5		alternate	✓	✓	✓
Outlet kit - 20A 22.6.1		drywall	✓		
USB-A 22.2.5.10		alternate	✓		✓
USB-A 22.2.1.10		drywall	✓		
USB-C 22.2.5.11		alternate	✓	✓	✓
USB-C 22.2.1.11		drywall	✓		
HDMI 22.2.5.12		alternate	✓	✓	✓
HDMI 22.2.1.12		drywall	✓		
Cable 22.2.5.5		alternate	✓	✓	✓
Cable 22.2.1.5		drywall	✓		

22 System Overview



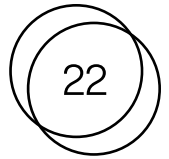
Single Kits

(one device + one mounting plate)

2 of 2

SINGLE KITS		Material	Short	Medium	Long
Data 22.2.5.9		alternate	✓	✓	✓
Data 22.2.1.9		drywall	✓		
Telephone 22.2.5.3		alternate	✓	✓	✓
Telephone 22.2.1.3		drywall	✓		
Control 22.2.5.6		alternate	✓		
Control 22.2.1.6		drywall	✓		
Switch 22.2.5.2		alternate	✓		
Switch 22.2.1.2		drywall	✓		

22 System Overview



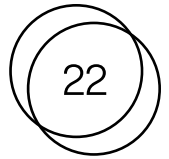
Double Kits

(two devices + one mounting plate)

1 of 6

DOUBLE KITS	Device	Device	Configuration	Mounting plate	Short	Medium	Long
Outlet kit - 15A 22.5.4				alternate	✓	✓	✓
Outlet kit - 15A 22.5.6				alternate	✓	✓	✓
Outlet kit - 15A 22.5.2				drywall	✓		
Outlet kit - 15A 22.5.3				drywall	✓		
Outlet kit - 20A 22.6.4				alternate	✓	✓	✓
Outlet kit - 20A 22.6.6				alternate	✓	✓	✓
Outlet kit - 20A 22.6.2				drywall	✓		
Outlet kit - 20A 22.6.3				drywall	✓		
Outlet 15A + Control 22.5.4.6				alternate	✓		
Outlet 15A + Control 22.5.6.6				alternate	✓		
Outlet 15A + Control 22.5.2.6				drywall	✓		
Outlet 15A + Control 22.5.3.6				drywall	✓		
Outlet 20A + Control 22.6.4.6				alternate	✓		

22 System Overview



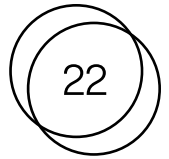
Double Kits

(two devices + one mounting plate)

2 of 6

DOUBLE KITS	Device	Device	Configuration	Mounting plate	Short	Medium	Long
Outlet 20A + Control 22.6.6.6				alternate	✓		
Outlet 20A + Control 22.6.2.6				drywall	✓		
Outlet 20A + Control 22.6.3.6				drywall	✓		
Control 22.2.4.6				alternate	✓		
Control 22.2.6.6				alternate	✓		
Control 22.2.2.6				drywall	✓		
Control 22.2.3.6				drywall	✓		
Outlet 15A + Switch 22.5.4.2				alternate	✓		
Outlet 15A + Switch 22.5.6.2				alternate	✓		
Outlet 15A + Switch 22.5.2.2				drywall	✓		
Outlet 15A + Switch 22.5.3.2				drywall	✓		
Outlet 20A + Switch 22.6.4.2				alternate	✓		
Outlet 20A + Switch 22.6.6.2				alternate	✓		

22 System Overview



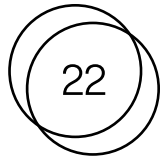
Double Kits

(two devices + one mounting plate)

3 of 6

DOUBLE KITS	Device	Device	Configuration	Mounting plate	Short	Medium	Long
Outlet 20A + Switch 22.6.2.2				drywall	✓		
Outlet 20A + Switch 22.6.3.2				drywall	✓		
Switch 22.2.4.2				alternate	✓		
Switch 22.2.6.2				alternate	✓		
Switch 22.2.2.2				drywall	✓		
Switch 22.2.3.2				drywall	✓		
Outlet 15A + Data 22.5.4.9				alternate	✓	✓	✓
Outlet 15A + Data 22.5.6.9				alternate	✓	✓	✓
Outlet 15A + Data 22.5.2.9				drywall	✓		
Outlet 15A + Data 22.5.3.9				drywall	✓		
Outlet 20A + Data 22.6.4.9				alternate	✓	✓	✓
Outlet 20A + Data 22.6.6.9				alternate	✓	✓	✓

22 System Overview



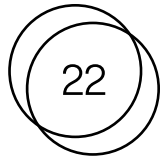
Double Kits

(two devices + one mounting plate)

4 of 6

DOUBLE KITS	Device	Device	Configuration	Mounting plate	Short	Medium	Long
Outlet 20A + Data 22.6.2.9				drywall	✓		
Outlet 20A + Data 22.6.3.9				drywall	✓		
Outlet 15A + HDMI 22.5.4.12				alternate	✓	✓	✓
Outlet 15A + HDMI 22.5.6.12				alternate	✓	✓	✓
Outlet 15A + HDMI 22.5.2.12				drywall	✓		
Outlet 15A + HDMI 22.5.3.12				drywall	✓		
Outlet 20A + HDMI 22.6.4.12				alternate	✓	✓	✓
Outlet 20A + HDMI 22.6.6.12				alternate	✓	✓	✓
Outlet 20A + HDMI 22.6.2.12				drywall	✓		
Outlet 20A + HDMI 22.6.3.12				drywall	✓		
Outlet 15A + USB-A 22.5.4.10				alternate	✓		✓
Outlet 15A + USB-A 22.5.6.10				alternate	✓		✓

22 System Overview



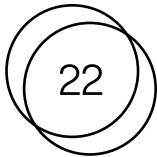
Double Kits

(two devices + one mounting plate)

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DOUBLE KITS	Device	Device	Configuration	Mounting plate	Short	Medium	Long
Outlet 15A + USB-A 22.5.2.10				drywall	✓		
Outlet 15A + USB-A 22.5.3.10				drywall	✓		
Outlet 20A + USB-A 22.6.4.10				alternate	✓		✓
Outlet 20A + USB-A 22.6.6.10				alternate	✓		✓
Outlet 20A + USB-A 22.6.2.10				drywall	✓		
Outlet 20A + USB-A 22.6.3.10				drywall	✓		
Outlet 15A + USB-C 22.5.4.11				alternate	✓	✓	✓
Outlet 15A + USB-C 22.5.6.11				alternate	✓	✓	✓
Outlet 15A + USB-C 22.5.2.11				drywall	✓		
Outlet 15A + USB-C 22.5.3.11				drywall	✓		
Outlet 20A + USB-C 22.6.4.11				alternate	✓	✓	✓
Outlet 20A + USB-C 22.6.6.11				alternate	✓	✓	✓

22 System Overview

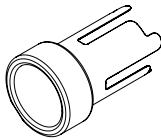


Double Kits
(two devices + one mounting plate)
6 of 6

DOUBLE KITS	Device	Device	Configuration	Mounting plate	Short	Medium	Long
Outlet 20A + USB-C 22.6.2.11				drywall	✓		
Outlet 20A + USB-C 22.6.3.11				drywall	✓		
USB-C 22.2.4.11				alternate	✓	✓	✓
USB-C 22.2.6.11				alternate	✓	✓	✓
USB-C 22.2.2.11				drywall	✓		
USB-C 22.2.3.11				drywall	✓		

TOOLS

Removal tool
22.1
(Required for the
installation of all 22
System)



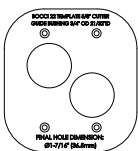
Trim cap
22.1.2



Alternate template



22.1.4



22.1.6

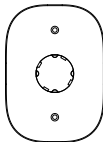
MOUNTING
PLATES

Single

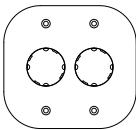
Double linear

Double diagonal

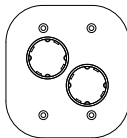
Alternate



22.2.5

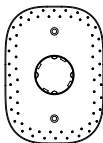


22.2.4

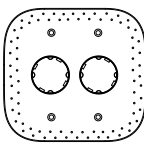


22.2.6

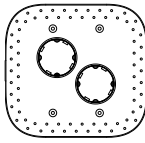
Drywall



22.2.1



22.2.2

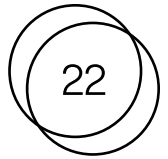


22.2.3

22 System Overview

Parts & Tools

2 of 2



DEVICES		Short	Medium	Long
Outlet - 15A 22.3.7		✓	✓	✓
Outlet - 20A 22.3.8		✓	✓	✓
Switch - on/off 22.3.2		✓		
Telephone - RJ12 22.3.3		✓	✓	✓
Cable - F Connector 22.3.5		✓	✓	✓
Keypad Control 22.3.6		✓		
Data - RJ45 CAT6A 22.3.9		✓	✓	✓
USB-A - Double Port 22.3.10		✓		✓
USB-C - Single Port 22.3.11		✓	✓	✓
HDMI 22.3.12		✓	✓	✓