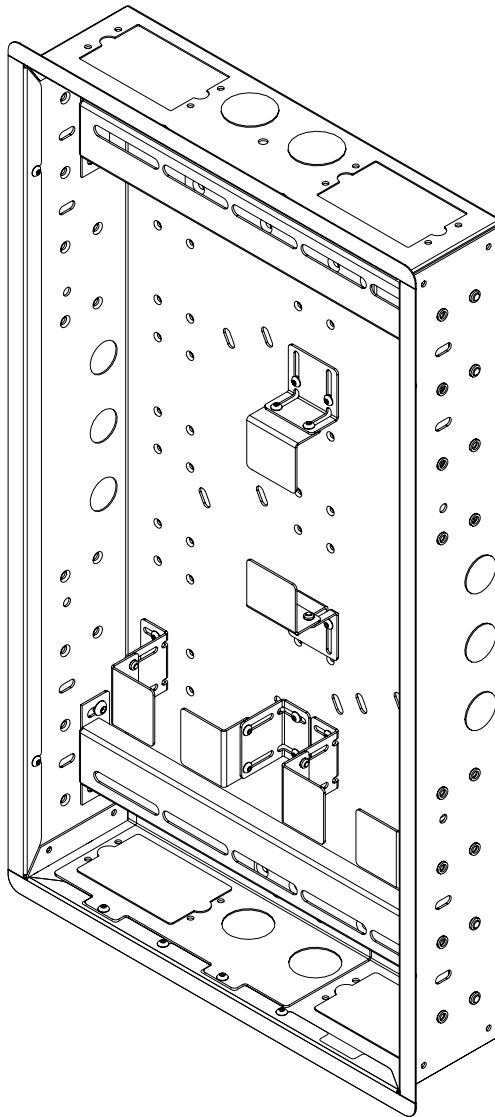




future automation

WB21/WB26/WB31

IN WALL MOUNTING BOXES FOR PS40, PS55 & PS65



INSTALLATION INSTRUCTIONS

ISSUE 003

SAFETY DISCLAIMER

IMPORTANT SAFETY INSTRUCTIONS BELOW

WARNING: Failure to provide adequate structural strengthening, prior to installation can result in serious personal injury or damage to the equipment. It is the installer's responsibility to ensure the structure to which the component is affixed can support four times the weight of the component and any additional apparatus mounted to the component.

WARNING: Do not exceed the weight capacity for this product as listed below. This can result in serious personal injury or damage to the equipment. It is the installer's responsibility to ensure that the total combined weight of all attached components does not exceed that of the maximum figure stated.

WARNING: Risk of death or serious injury may occur when children climb on audio and/or video equipment or furniture. A remote control or toys placed on the furnishing may encourage a child to climb on the furnishing and as a result the furnishing may tip over on to the child.

WARNING: Risk of death or serious injury may occur. Relocating audio and/or video equipment to furniture not specifically designed to support audio and/or video equipment may result in death or serious injury due to the furnishing collapsing or over turning onto a child or adult.



WARNING – RISK OF INJURY!



Only for use with equipment weighing **132LBS (60KG) OR LESS.**

Use with heavier projectors/equipment may lead to instability causing tip over or failure resulting in death or serious injury.

Bracket Suitable for Residential and Commercial Use.

ADDITIONAL WARNINGS:

1. Keep all documentation/instructions after fitting.
2. Read all technical instructions fully before installation and use. It is the installer's responsibility to ensure that all documentation is passed on to the end user and read fully before operation.
3. Do not use near water or outdoors unless the product has been specifically designed to do so.
4. Protect any cables or cords being used near this bracket from being walked on or pinched to prevent damage and risk of injury.
5. Use this product only for its intended purpose as described in the product instructions and only use attachments/accessories specified by the manufacturer.
6. Do not operate the product if it is damaged in any way, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Contact the original installer/manufacturer to arrange repair or return.

WARNING - To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Clean only with a dry cloth and always unplug any electrical items being used in conjunction with this product before cleaning.

Future Sound & Vision trading as Future Automation intend to make this and all documentation as accurate as possible. However, Future Automation makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without prior notice or obligation of any kind. Future Automation makes no representation of warranty, expressed or implied, regarding the information contained herein. Future Automation assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

PRODUCT WARRANTY & RISK ASSESSMENT

WARRANTY INFORMATION

WARNING - The warranty offered for this product shall be annulled if the product is used improperly or in a way that is in breach of our Terms of Service.

Future Automation provides warranty for the mechanism you purchased for the period of **24 months** from the date of purchase, provided that it isn't used for unintended purposes.

Under the warranty, Future Automation aims to either solve the issue remotely (via telephone or email support) or if the mechanism requires a part, arrange a visit to your premises by a Future Automation approved engineer or send replacement items where appropriate.

Warranty repairs will be carried out as quickly as possible, but subject to parts availability. This warranty period is respectively extended for the period of a repair.

A malfunctioning product must be cleaned and placed into suitable packaging to protect against transit damage before organising delivery to a repair workshop.

All the complaints about defects must be submitted to the vendor/installer that sold this product, rather than directly to the manufacturer.

Any part of your system that needs to be replaced during a warranty repair becomes the property of Future Automation.

The warranty does not cover the following:

- Damages resulting from improper product use or maintenance.
- Repairs carried out by unauthorized persons.
- Natural wear and tear during operation.
- Damages caused by the buyer.
- Accidental damages caused by a customer or damages caused as a result of careless attitude or usage, or damages caused by natural disasters (natural phenomena).
- Any electrical, or other environmental work external to your Future Automation mechanism including power cuts, surges etc.
- Additional items not supplied by Future Automation although they may have been supplied together by the retailer
- Any 3rd party software products controlling your mechanism
- Any transfer of ownership. Warranty is provided only to the initial purchaser.
- Compensation for loss of use of the product, and consequential loss of any kind.

A separate Safety and Servicing Information document is provided with these instructions (additional copies can be found at www.futureautomation.co.uk/safety), and this document **MUST** be filled out by the approved Future Automation Dealer who is installing the product. This Warranty Sheet must be held by the end user for the duration of the products life and will be referred to during servicing or warranty queries.

The Safety and Servicing Information document also contains two Service History Forms that must be filled in by the approved Future Automation dealer who is performing the first required yearly service of this product.

One copy of the Service History Form must be held by the customer (along with the Warranty Sheet) and a duplicate copy must be held by the approved Future Automation dealer that performed the service. Missing and/or mismatching documents may delay or invalidate warranty claims.

Additional Service History Forms can be found on the Future Automation website for further yearly services.

RISK ASSESSMENT INFORMATION

It is the installer's responsibility to perform a risk assessment of installed products. Future Automation can provide guidelines to installers/dealer about what should be included in a risk assessment, but due to the individual nuances of each location/site, Future Automation cannot provide a full list of areas to risk assess.

For full risk assessment and safety information please view our Safety and Servicing guide available at www.futureautomation.net/safety

GUIDE

CONTENTS

SAFETY DISCLAIMER	1
PRODUCT WARRANTY & RISK ASSESSMENT	2
GUIDE CONTENTS	3
PACKAGE CONTENTS	4
WALL CUTOUT SIZING	5
WALL BOX FIXING	6
CABLE ENTRY & SOCKET FIXING	7
ACCESSORY MOUNTING	8
PREPARE BRACKET MOUNT RAILS	9
CABLE MANAGEMENT	10
BRACKET COMPATIBILITY	11
BRACKET COMPATIBILITY CONT.	12
PS BRACKET MOUNTING	13
WALL BOX TRIM FITTING	14
WATTBOX MOUNTING	15

PACKAGE CONTENTS

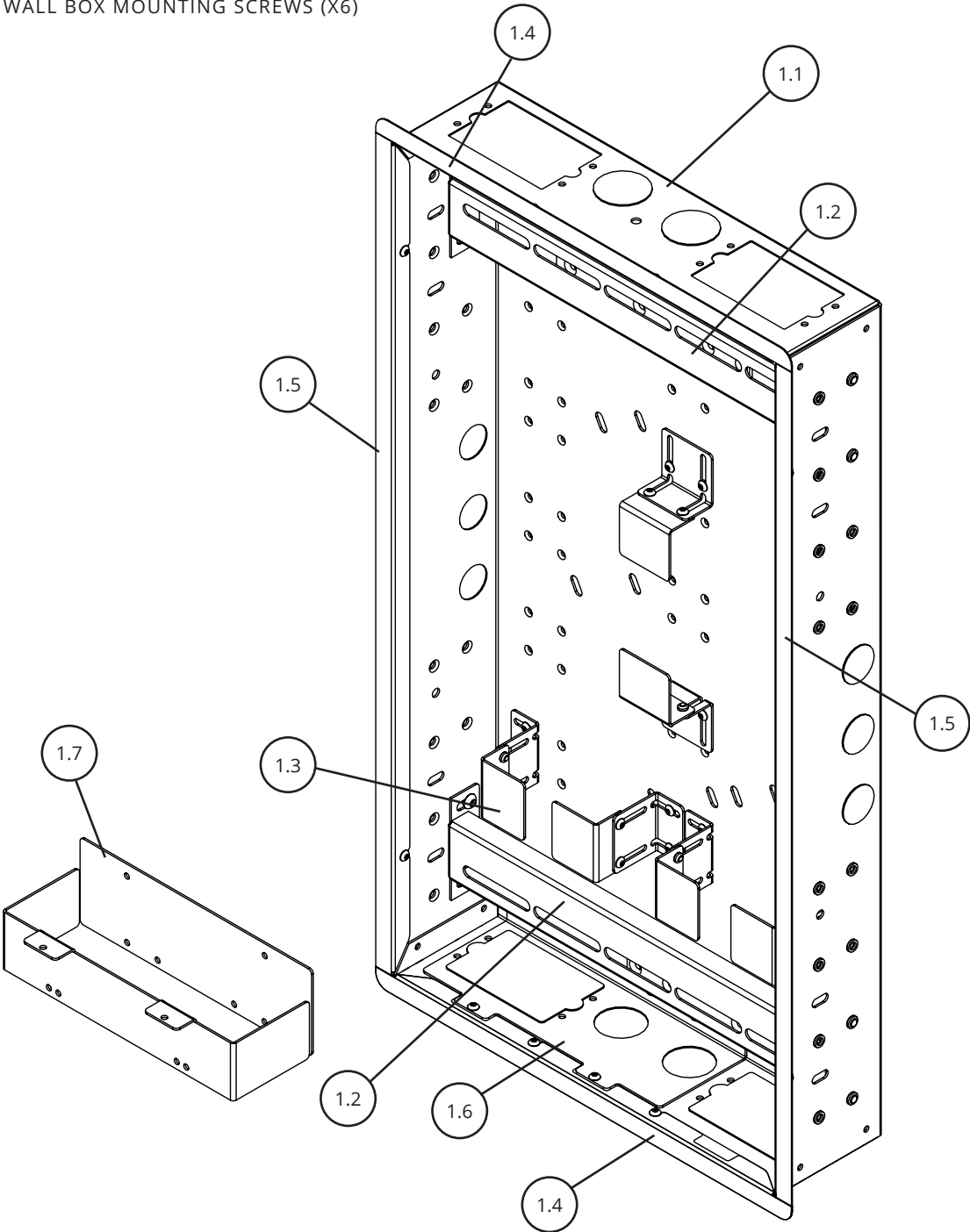
1 - WALL BOX KIT

- 1.1 - IN-WALL BOX
- 1.2 - BRACKET MOUNT RAIL (X2)
- 1.3 - ACCESSORY CLAMP (X3 PAIRS)
- 1.4 - HORIZONTAL TRIM STRIP (X2)
- 1.5 - VERTICAL TRIM STRIP (X2)
- 1.6 - BLANKING PLATE
- 1.7 - WATTBOX MOUNT KIT

NOTE: All Wall Box Accessories can remain cable tied to the rear face of the Wall Box throughout the installation process until they are required.

ITEMS NOT SHOWN ON PAGE

- WALL BOX FIXINGS PACKS:
- SCREEN FIXINGS PACK (MULTI-PACK OF NUTS, BOLTS, SPACERS AND WASHERS)
 - BRACKET MOUNTING PACK (MULTI-PACK OF NUTS, BOLTS AND WASHERS)
 - WALL BOX MOUNTING SCREWS (X6)



WALL CUTOUT SIZING

1

The WB21, WB26 and WB31 are designed to be recessed into a wall and secured between stud work. For secure fixing the Wall Box should be fixed to both horizontal and vertical joists with centres no greater than 406mm (16.0") apart.

NOTE: The depth of the cut out must be minimum 101.6mm [4.0"].

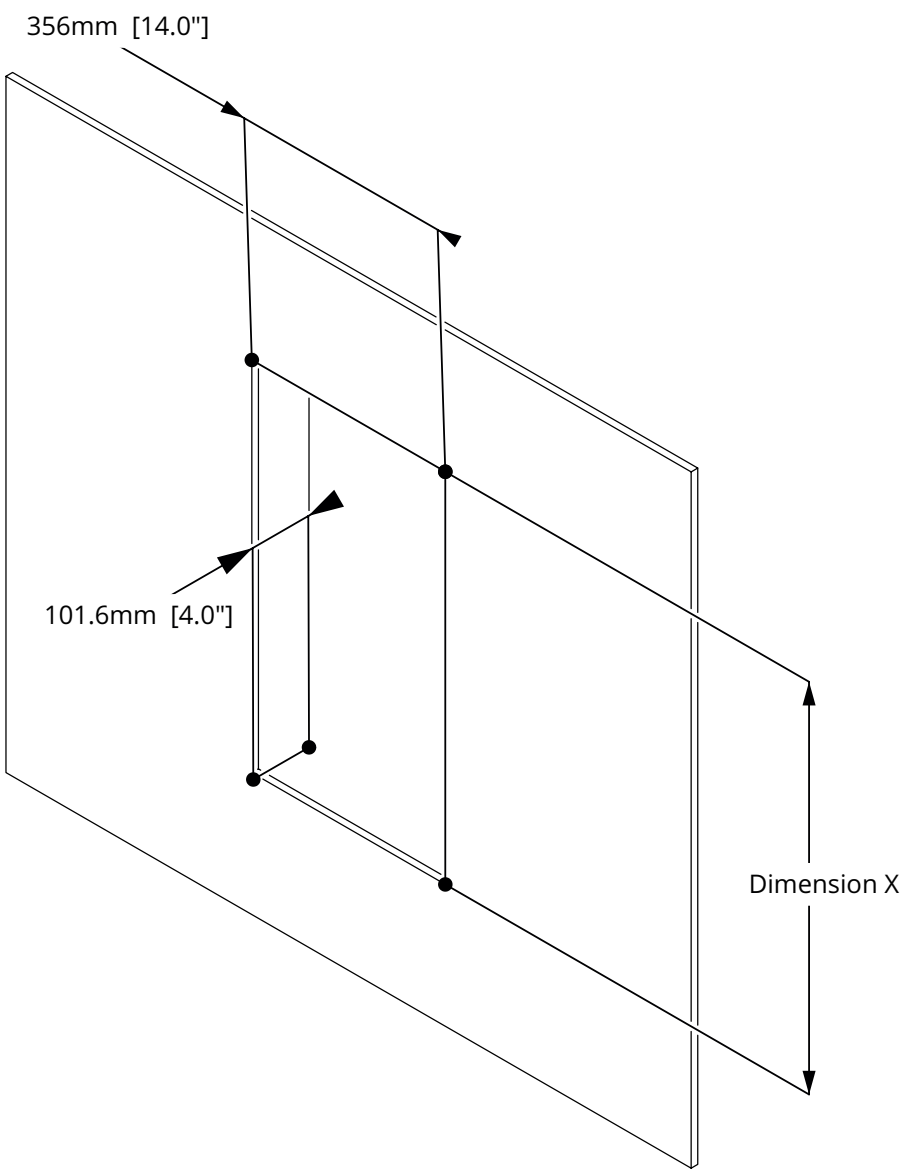
2

The recommended cut out width for all boxes = 356mm [14.0"], with the height for each box **(Dimension X)**:

WB21 = 536mm [21.1"]

WB26 = 663mm [26.1"]

WB31 = 790mm [31.1"]

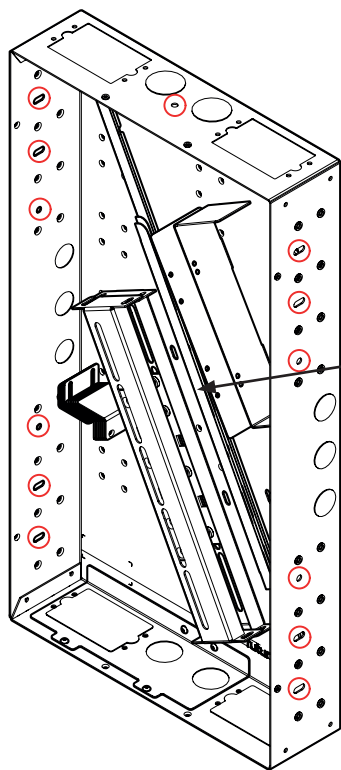


WALL BOX FIXING

1

The WB21, WB26 and WB31 should all be inserted in to the wall cut out from the front, then secured to the surrounding joists using the 6 x 40mm pozi head wood screws provided through the 13 x Ø6.5mm [0.25"] fixing holes circled below.

NOTE: The screws supplied are only suitable for fixing into wooden joists. It is the responsibility of the installer to use fixing suitable for the material of the structure being mounted to.



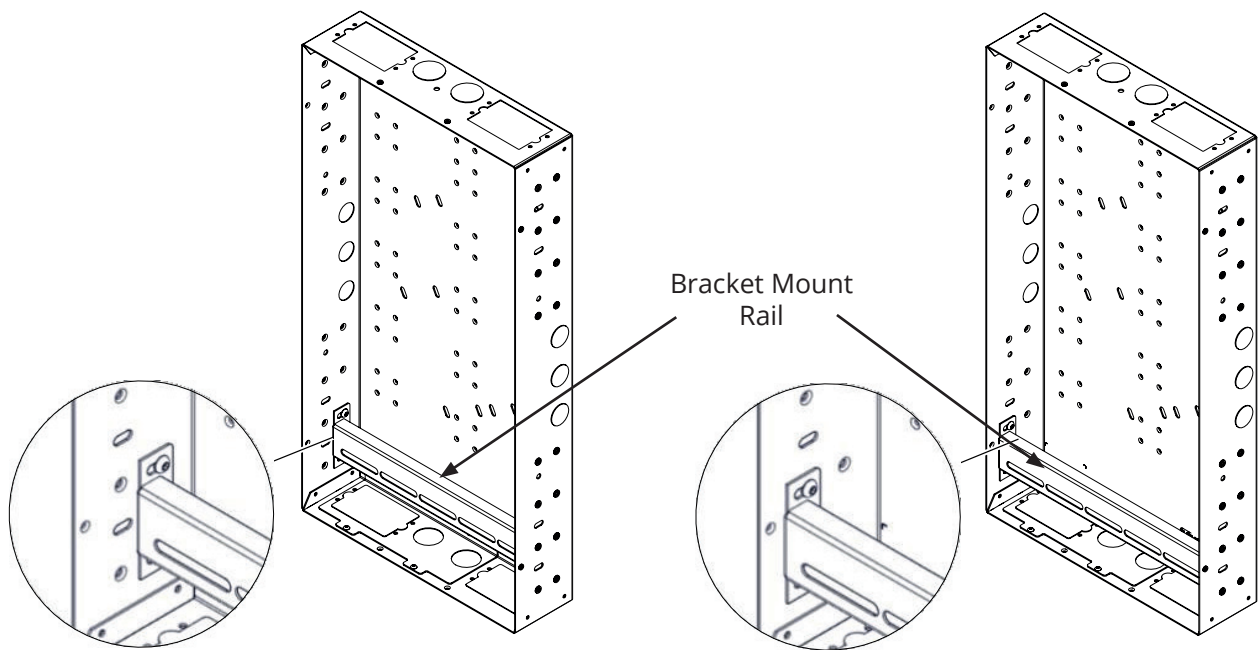
NOTE: All Wall Box Accessories can remain cable tied to the rear face of the Wall Box throughout the installation process until they are required.

2

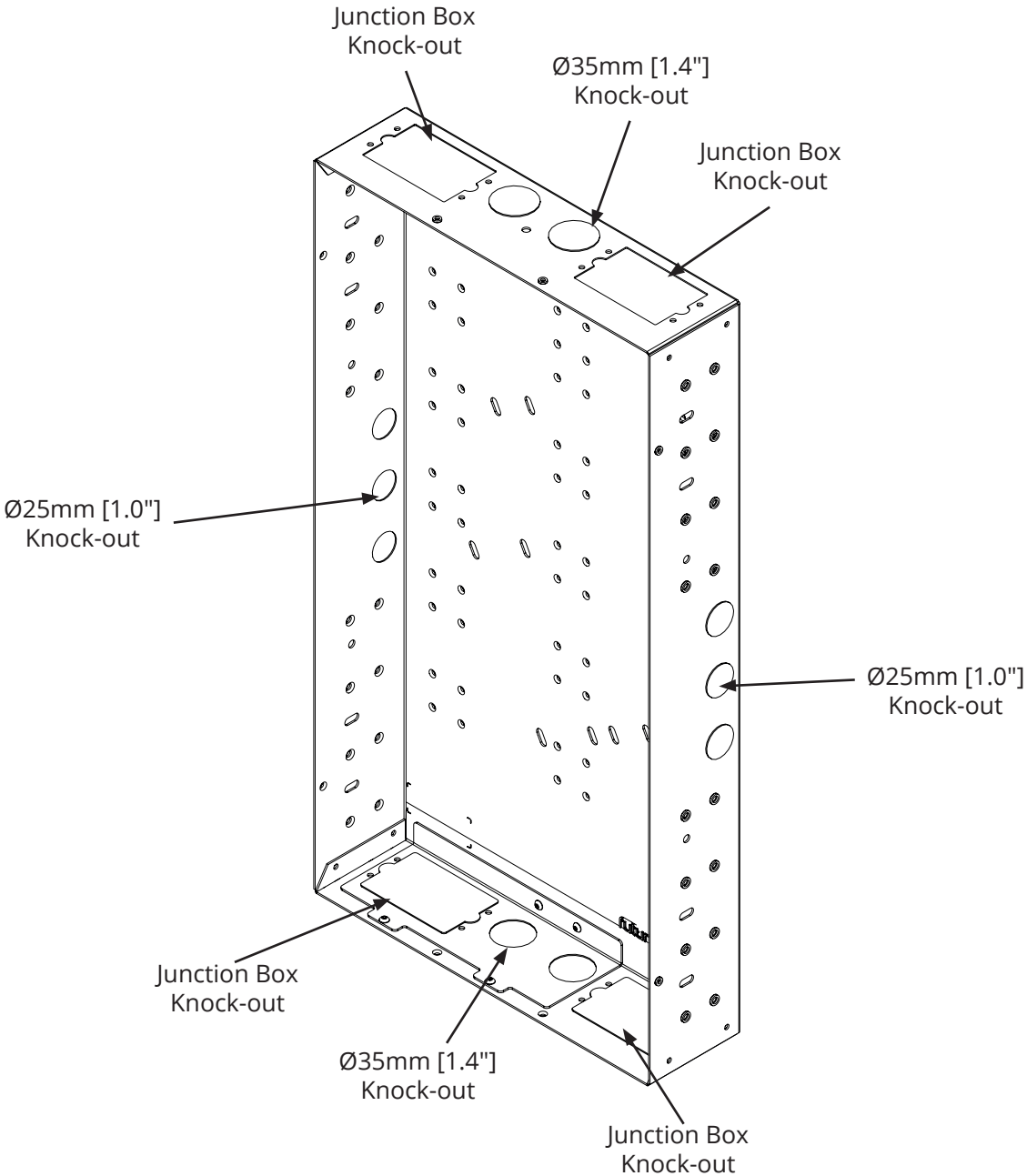
Some fixing holes may be covered by the Bracket Mount Rails in certain configurations. Images below show the two possible depth positions of the Bracket Mount Rails - the first position, Set Back, does not cover any fixing holes. However, the second position, set forward, will cover a total of 4 of the 16 possible fixing holes. The required position of the Bracket Mount Rails should be determined before fixing the Wall Box into the wall recess. See Page 10 for possible mounting configurations.

Set Back

Set Forward



CABLE ENTRY & SOCKET FIXING



1

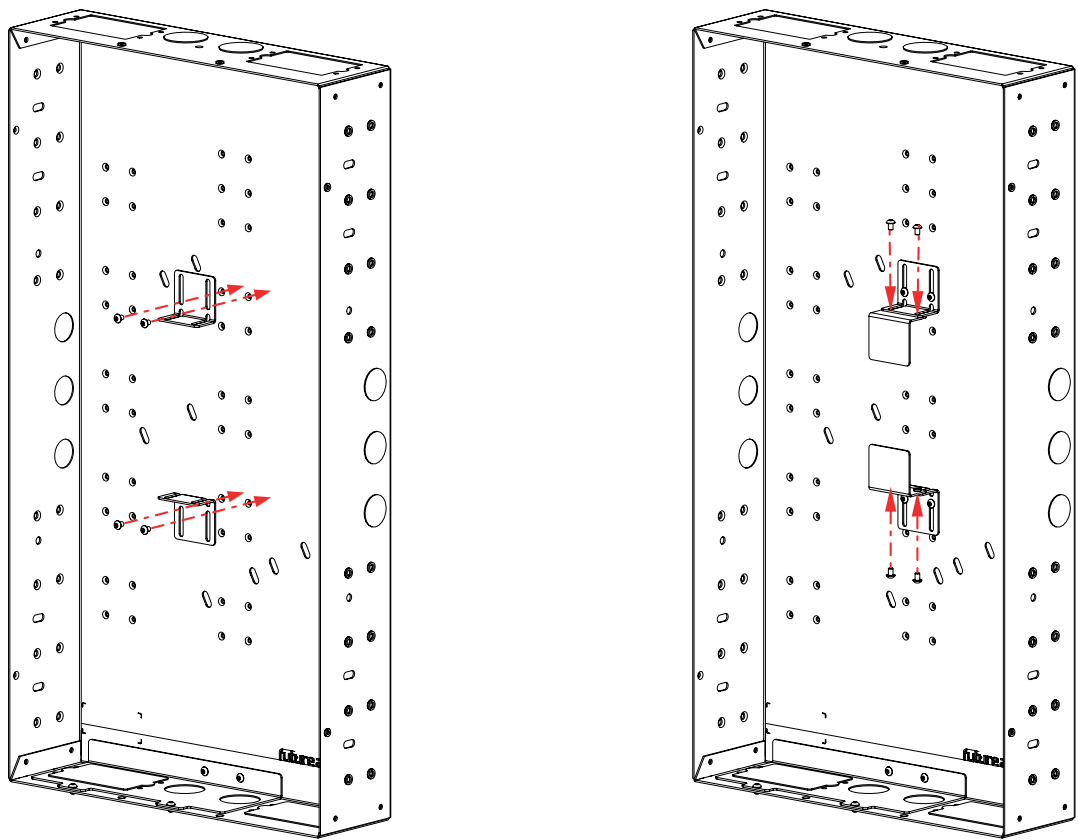
All Wall Boxes feature knock-outs at the top, bottom and sides that can be removed to allow for cable entry/exit. The positions of these are identified below.

Note: Where possible cables should enter at the top of the Wall Box as cables will enter the top corner of any PS Bracket being used.

ACCESSORY MOUNTING

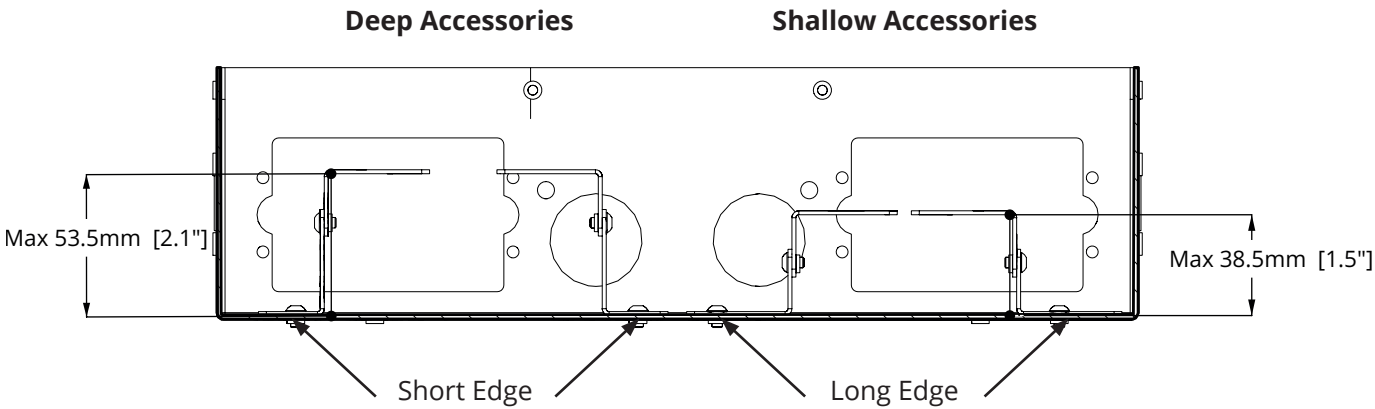
1

The top fixing hole for the PS Bracket wall plate should be located the distance of Dimension X (measured on page 6) down from the top of the screen position. For ease of access, the scissor arms can be pulled out and fixed in place by inserting a screwdriver (or similar) into the side of the wall plate as shown below.



2

Each Accessory Clamp can be mounted either vertically or horizontally and orientated to suit deeper or shallower accessories by either mounting the slotted bracket on its long or short edge as shown below.

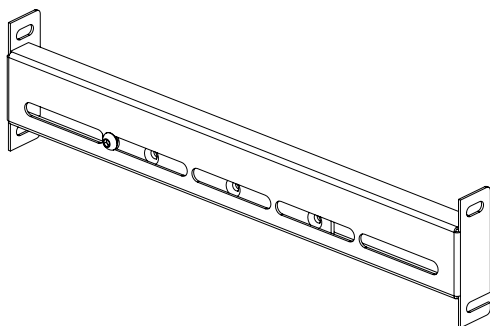
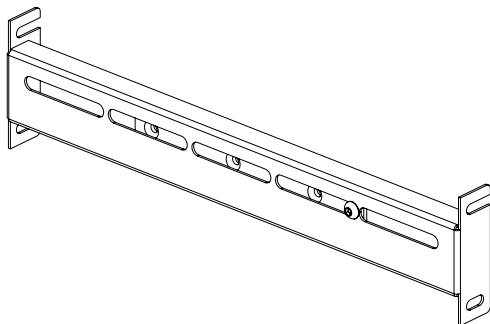
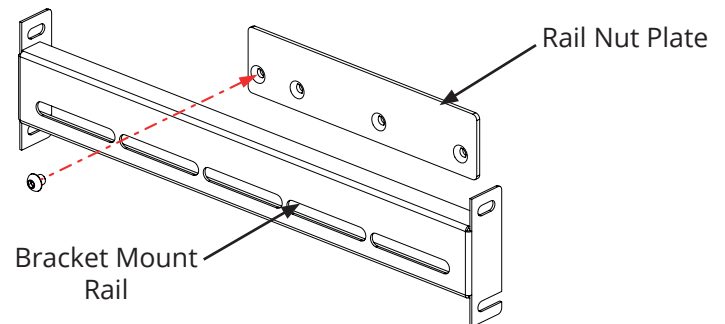
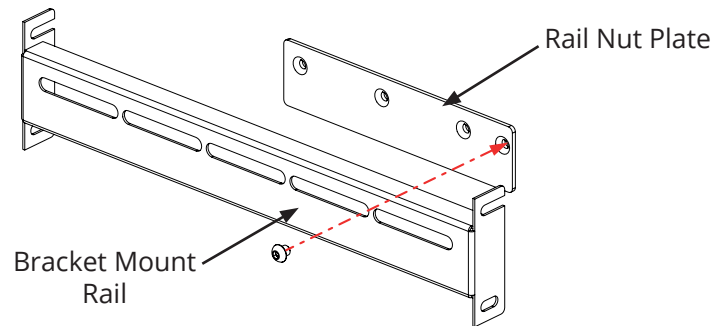


PREPARE BRACKET MOUNT RAILS

1

Before installing the Bracket Mount Rails into the Wall Box the Rail Nut Plates should be placed behind each Mount Rail. The Nut Plate has four threaded holes into which bolts will be inserted to fix the PS Bracket to the Mount Rails.

Note: Where possible cables should enter at the top of the Wall Box as cables will enter the top corner of any PS Bracket being used.



2

Use an M6x6mm bolt (provided) to fix into the outer most threaded hole in each Nut Plate to retain its position behind the Mount Rail. The Nut Plates can be switched between the upper and lower Mount Rails to bias the retaining bolt on the left or the right of the rail - this may be required if mounting the PS Bracket at the full lateral offset.

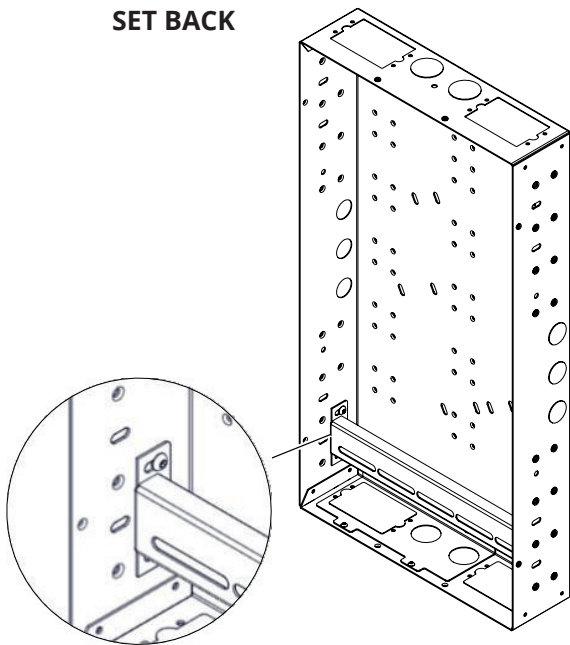
CABLE MANAGEMENT

Note: Each Wall Box size is compatible with one or more different PS Bracket sizes. Consult Technical Sheet to ensure the Bracket Mount Rails are spaced correctly to accommodate the PS Bracket being installed.

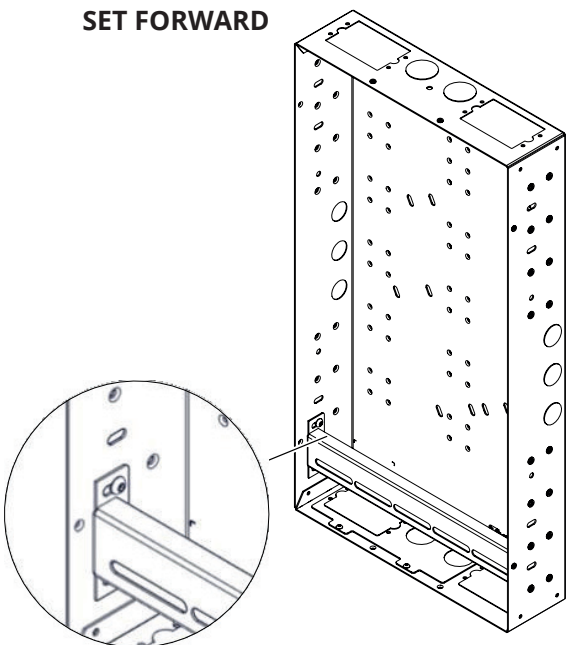
1

The Bracket Mount Rails have two fixing positions that allow the space behind the PS Bracket to be increased or decreased as desired to accommodate a variety of AV accessories. With the Mount Rails set back the PS Bracket will sit flush with the wall when in the IN position. With the Mount Rails set forward the PS Bracket will sit proud 30mm [1.2"] from the wall.

SET BACK

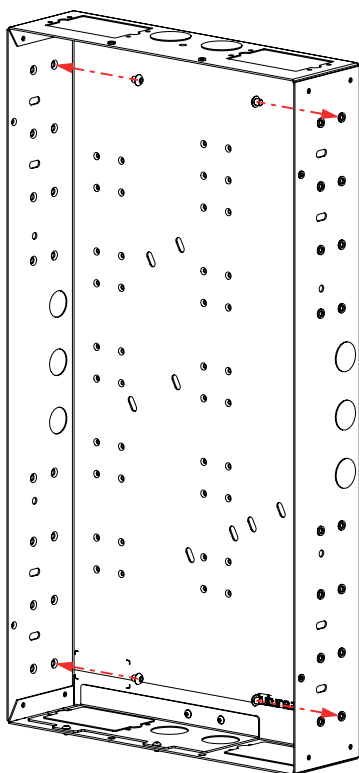


SET FORWARD



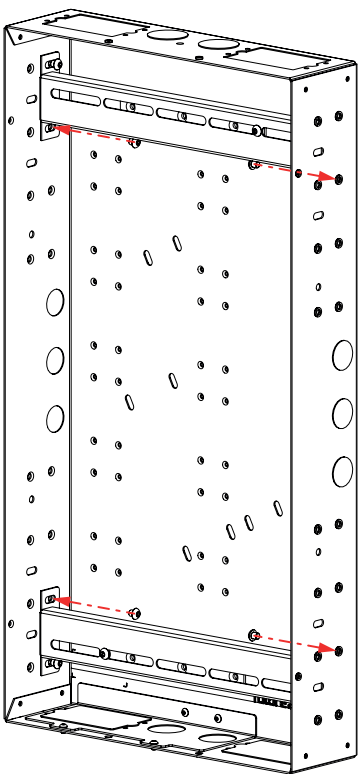
2

To install the Bracket Mount Rails, first insert provided M6x6mm bolts into the upper and lower threaded holes in the side of the Wall Box as shown below - do not fully tighten.



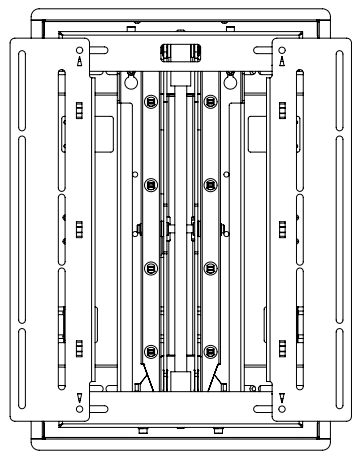
3

Hook the Bracket Mount Rail onto the M6 bolts before inserting further M6x6mm bolts through the in-board slots. Ensure all four bolts in each Bracket Mount Rail are fully tightened.

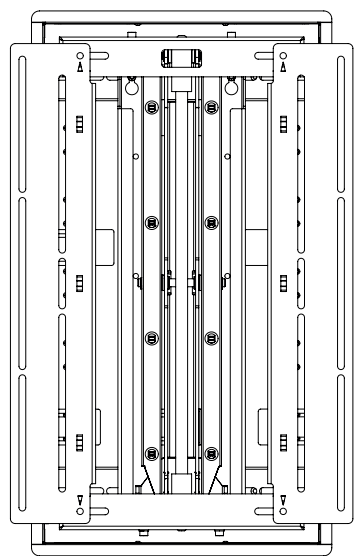


BRACKET COMPATIBILITY

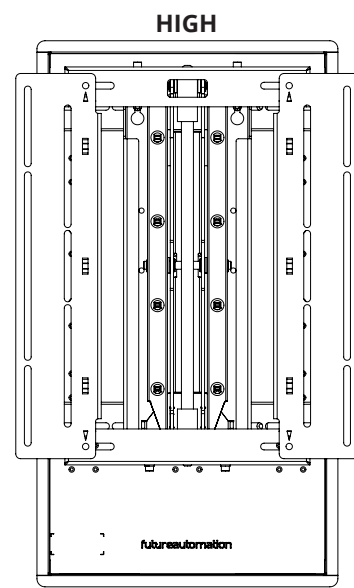
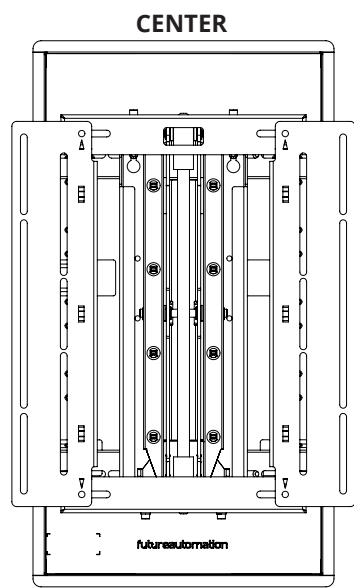
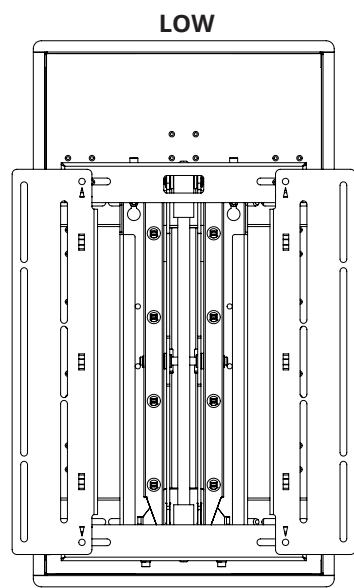
WB21 + PS40



WB26 + PS55

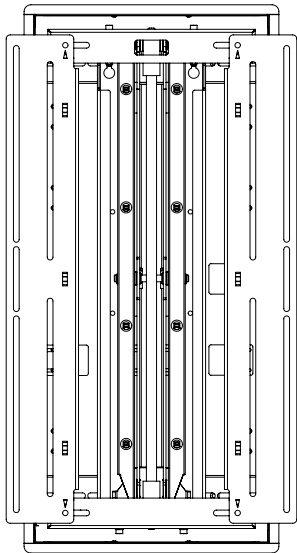


WB26 + PS40



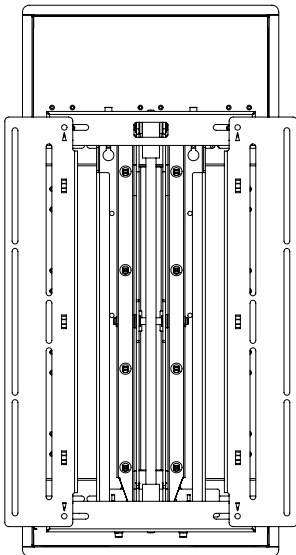
BRACKET COMPATIBILITY CONT.

WB31 + PS65

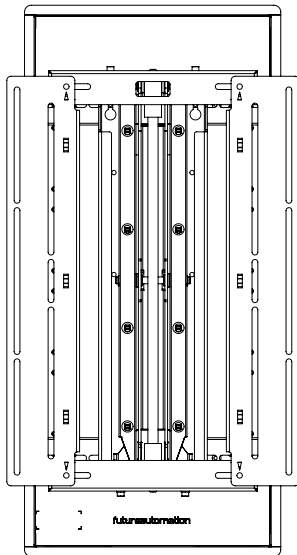


WB31 + PS55

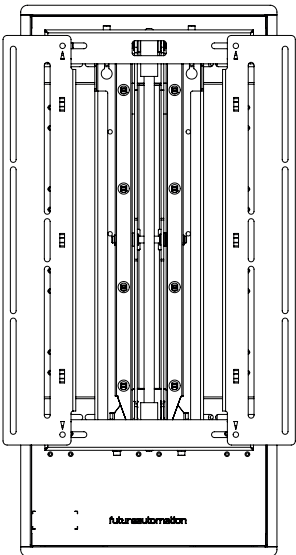
LOW



CENTER

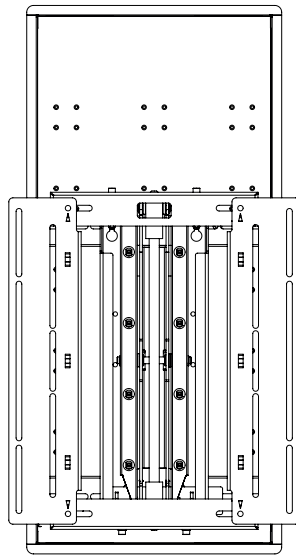


HIGH

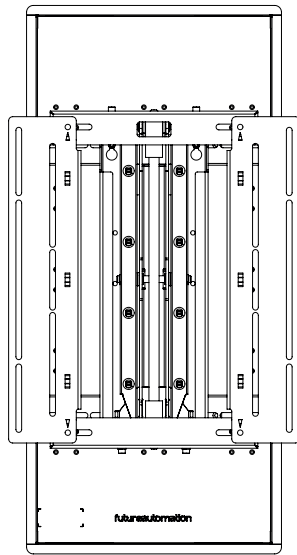


WB31 + PS40

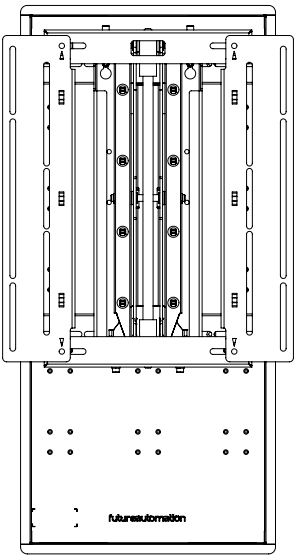
LOW



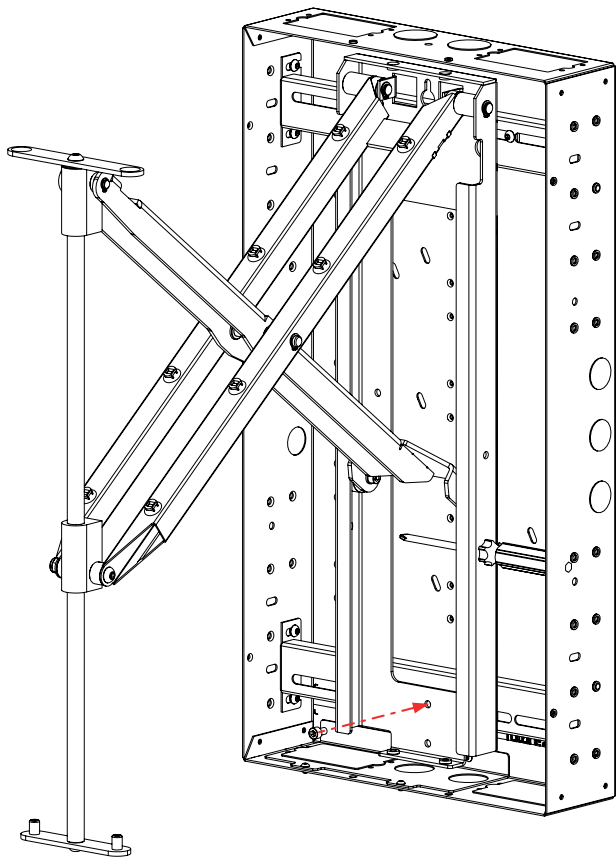
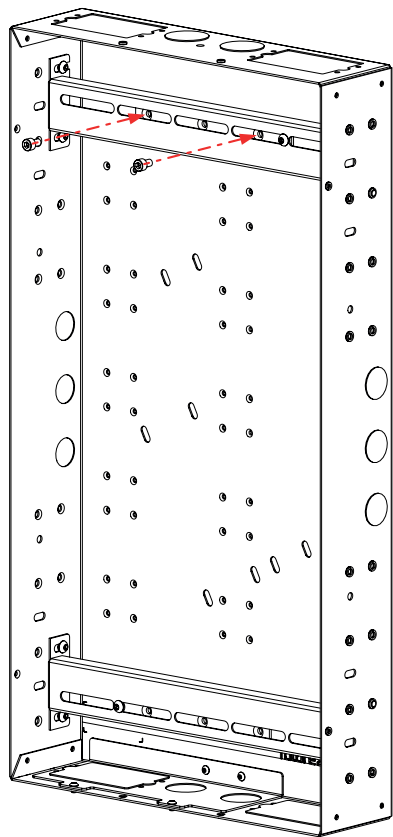
CENTER



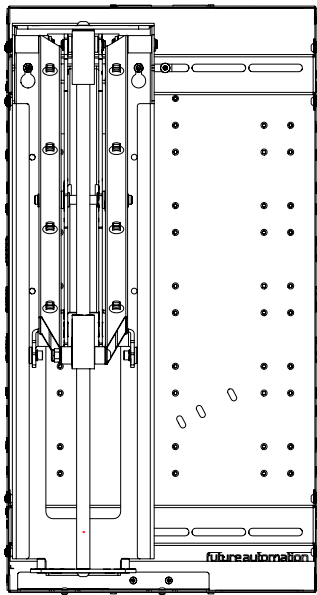
HIGH



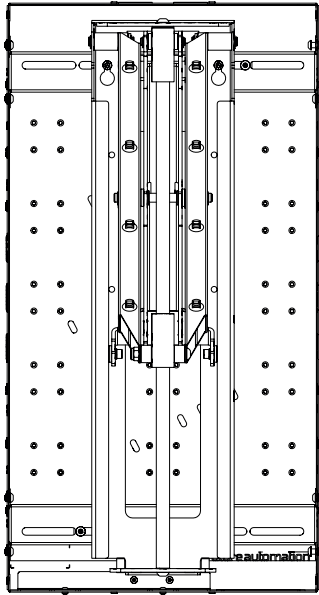
PS BRACKET MOUNTING



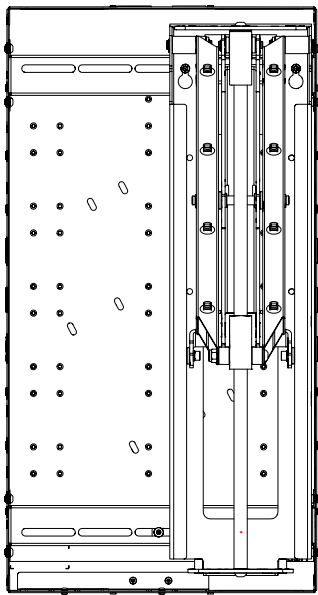
LEFT



CENTER



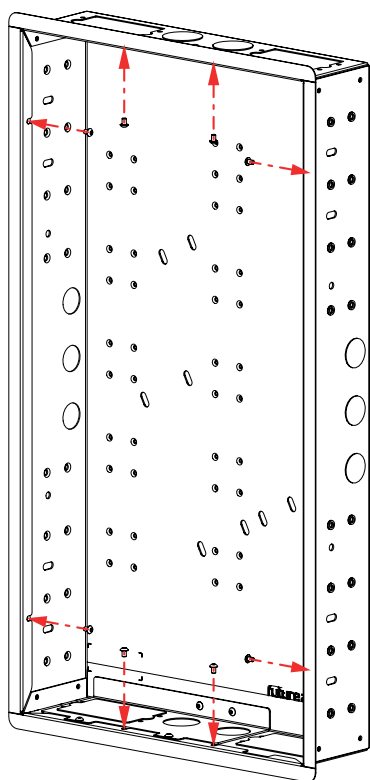
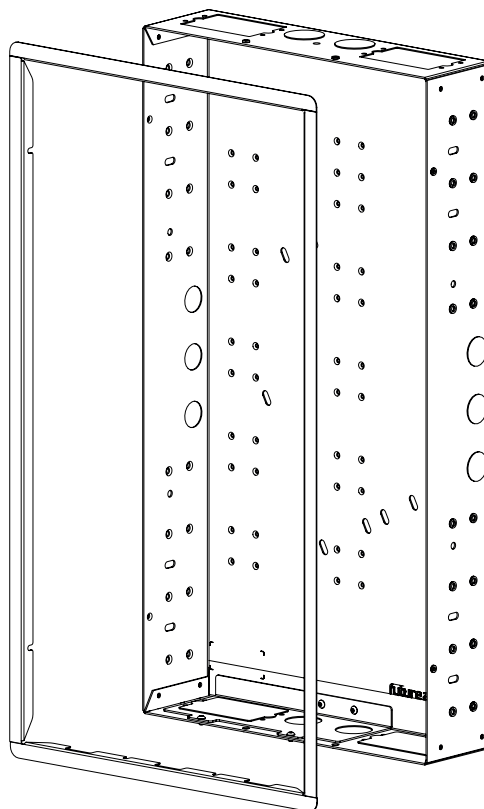
RIGHT



WALL BOX TRIM FITTING

1

Each Wall Box is shipped complete with 2 x Horizontal Trim Strips and 2 x Vertical Trim Strips to cover the edges of the wall recess when fitting into a plasterboard/ sheet rock wall.



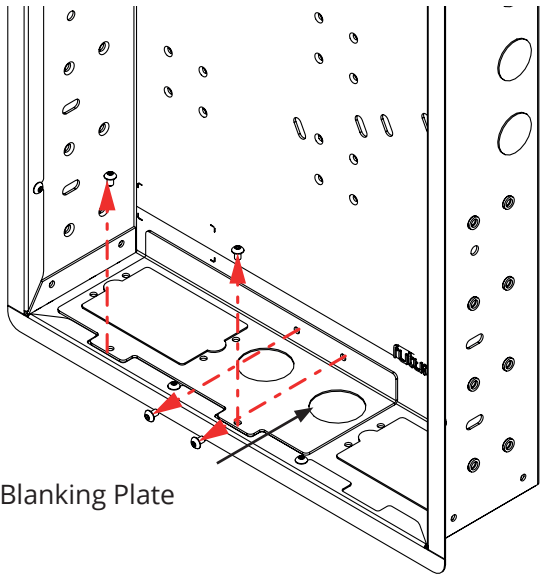
2

Each Trim Strip will have two notches that align with threaded holes on the inside edges of the Wall Box. Align the notches in each Trim Strip with the corresponding threaded holes and fix in place using the 8 x black M4x6mm bolts provided.

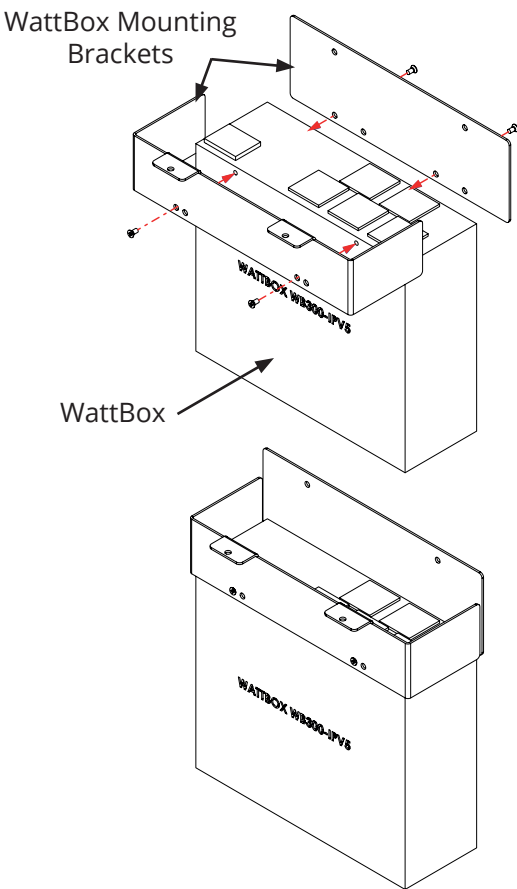
WATTBOX MOUNTING

1

Each Wall Box has the capability to mount a WattBox 200V/300V power conditioning unit in the lower face. Remove Blanking plate by removing 4 x M4x6mm screws as shown.



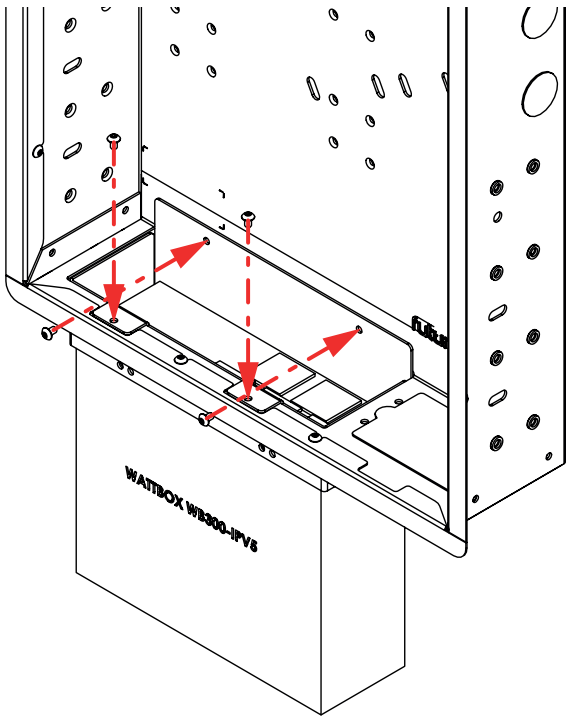
Blanking Plate



WattBox

2

Use 4 x countersunk screws supplied with the WattBox unit to fix the Mounting Brackets to the front and rear faces of the WattBox as shown.



3

Lower the WattBox unit complete with Mounting Brackets through the void created in the lower face of the Wall Box and secure in place by screwing 4 x M4x6mm screws (previously holding the Blanking Plate in place) into threaded holes in the Wall Box.

NOTES



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