



Rough-in Box  
RF300

Installation Instructions

**MERIDIAN**

# Safety/Sécurité



## Important Safety Instructions/Instructions de sécurité importantes Explication des symboles

- 1) Read these instructions./Lisez ces instructions.
- 2) Keep these instructions./Conservez ces instructions.
- 3) Heed all warnings./Tenez compte de tous les avertissements.
- 4) Follow all instructions./Suivez toutes les instructions.
- 5) Do not use this apparatus near water./N'utilisez pas ce dispositif à proximité d'eau.
- 6) Clean only with dry cloth./Utilisez uniquement un chiffon sec pour le nettoyage.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions./Ne bloquez pas les orifices d'aération. Installez le dispositif conformément aux instructions du fabricant.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat./Ne l'installez pas à proximité de sources de chaleur, telles que des radiateurs, bouches de chauffage, fours ou autres appareils (y compris les amplificateurs) qui génèrent de la chaleur.
- 9) Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade, or the third prong are provided for your safety. If the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete outlet./Ne supprimez pas la fonction de sécurité de la prise polarisée ou de mise à la terre. Une prise polarisée possède deux lames, dont l'une est plus large que l'autre. Une prise de mise à la terre possède deux lames, et une troisième broche pour la mise à la terre. La lame la plus large ou la troisième broche ont pour but d'assurer votre sécurité. Si la prise fournie ne s'adapte pas à votre prise murale, consultez un électricien pour remplacer cette dernière.
- 10) Protect the power chord from being walked on or pinched particularly at plugs, convenience receptacles, and at the point they exit from the apparatus./Protégez le cordon d'alimentation afin qu'il soit à l'abri des piétinements ou qu'il ne soit pas écrasé, tout particulièrement au niveau des fiches, des prises de courant et de sa sortie du dispositif.
- 11) Only use attachments/accessories specified by the manufacturer./Utilisez uniquement les pièces et accessoires spécifiés par le fabricant.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over./Utilisez uniquement le chariot, le pied, le trépied, le support ou la table recommandés par le fabricant ou fournis avec l'appareil. Si un chariot est utilisé, déplacez l'ensemble chariot-appareil avec précaution afin de ne pas le renverser, ce qui pourrait entraîner des blessures.
- 13) Unplug the apparatus during lightning storms or when unused for long periods of time./Débranchez l'appareil en cas d'orage ou si vous ne l'utilisez pas pendant une période prolongée.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply chord or plug is damaged, liquid has been spilled or objects have fallen in to the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped./Confiez l'entretien à un personnel qualifié. L'entretien est nécessaire lorsque l'appareil a été endommagé, par exemple si le cordon d'alimentation ou sa fiche est abîmé, si du liquide a été versé sur l'appareil ou des objets y ont été introduits, si l'appareil a été soumis à la pluie ou l'humidité, s'il ne fonctionne pas correctement ou s'il est tombé.
- 15) To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions./Afin d'éviter les blessures, cet appareil doit être solidement fixé au sol/mur, conformément aux instructions d'installation.

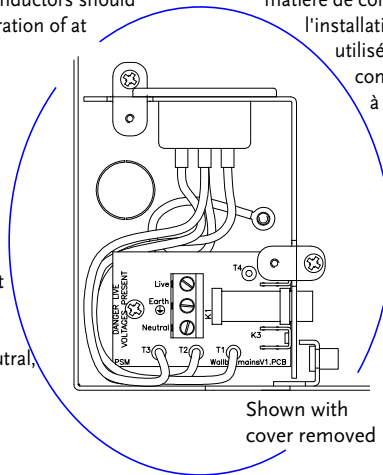


### Guide for wiring the mains to the Meridian Rough-in box

This equipment is intended for permanent connection to the mains supply. A skilled and suitably trained person must carry out connection to the mains. National and local building regulations and electrical requirements must be adhered to when installing this equipment. Copper conductors should be used. An all pole mains switch with a contact separation of at least 3mm in each pole shall be incorporated into the electrical installation of the building.

Permanent connection of Meridian Rough-In box to mains:

- 1) Isolate the mains before connection.
- 2) Remove the mains terminal cover.
- 3) Feed the mains wire through the grommets hole, or use a suitable cable-gland in place of the grommet if the national and local electrical and building regulations require it.
- 4) Connect to the terminal block on circuit board Neutral, Earth and Live connections.
- 5) Replace the mains terminal cover.



### Guide du branchement du boîtier d'encastrement Meridian au secteur

Ce dispositif est conçu pour une connexion permanente à l'alimentation secteur. La connexion au secteur doit être effectuée par du personnel qualifié et formé à cet effet. La réglementation nationale ou locale en matière de construction et d'électricité doit être respectée lors de l'installation de ce dispositif. Des conducteurs en cuivre doivent être utilisés. Un interrupteur secteur omnipolaire, avec séparation des contacts de 3 mm minimum entre chaque pôle, doit être ajouté à l'installation électrique du bâtiment.

Connexion permanente du boîtier d'encastrement Meridian au secteur :

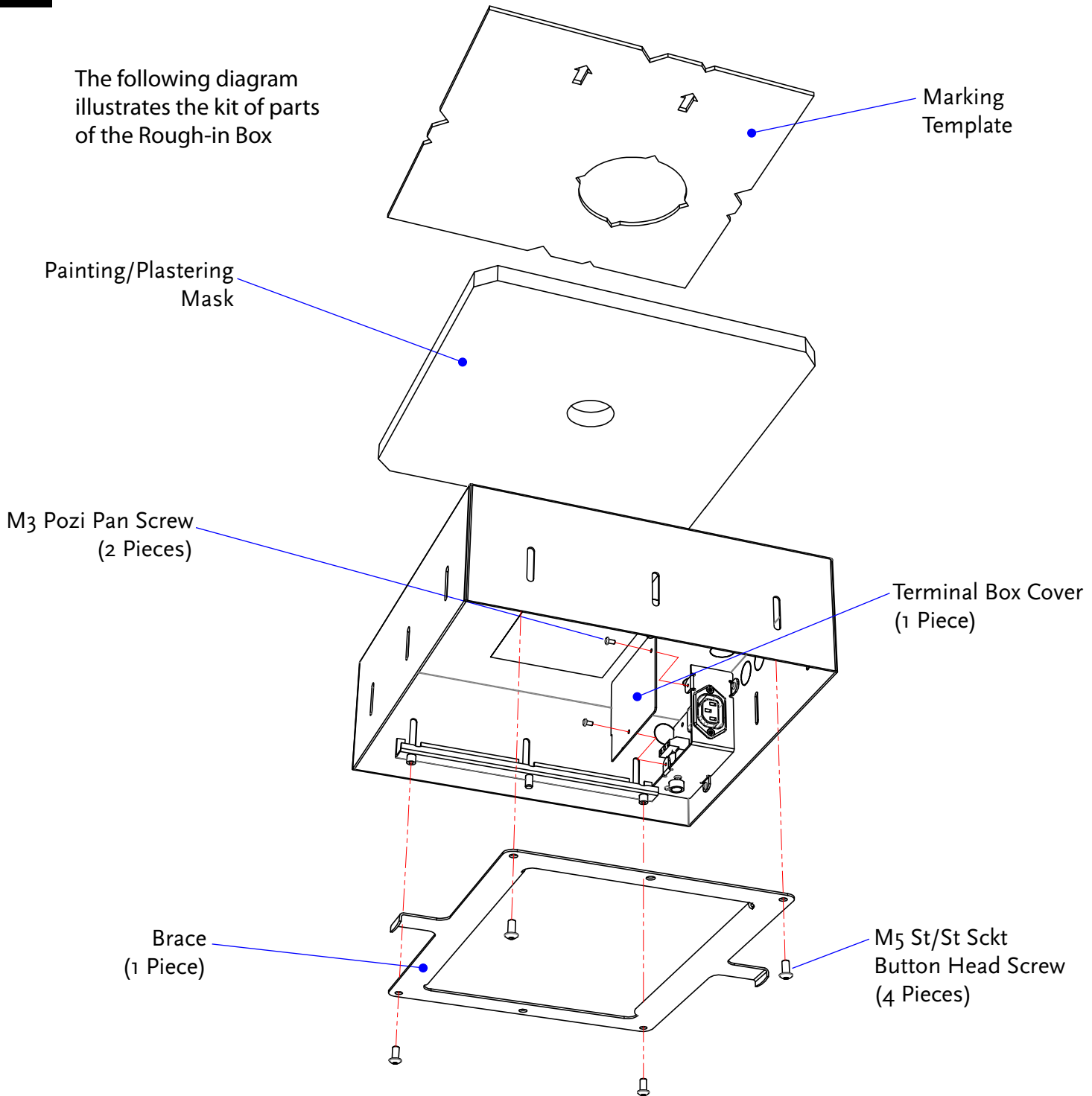
- 1) Isolez le secteur avant la connexion.
- 2) Retirez le cache-borne secteur.
- 3) Passez le câble secteur par l'orifice à œillet ou utilisez un presse-étoupe adapté au lieu de l'œillet si la réglementation nationale ou locale en matière de construction et d'électricité l'exige.
- 4) Branchez les câbles Neutre, Terre et Phase au bornier du tableau.
- 5) Remplacez le cache-borne secteur.

## Explanation Of Symbols/Explication des symboles

L	LIVE/PHASE		WARNING/ATTENTION TENSION
	PROTECTIVE EARTH (GROUND)/ PROTECTION DE MISE A LA TERRE		DANGEROUS VOLTAGE/DANGEREUSE
N	NEUTRAL/NEUTRE		PORTABLE CART WARNING/ AVERTISSEMENT LIE AU CHARIOT PORTATIF
	AC CURRENT/COURANT ALTERNATIF		

# 1 Contents & Assembly

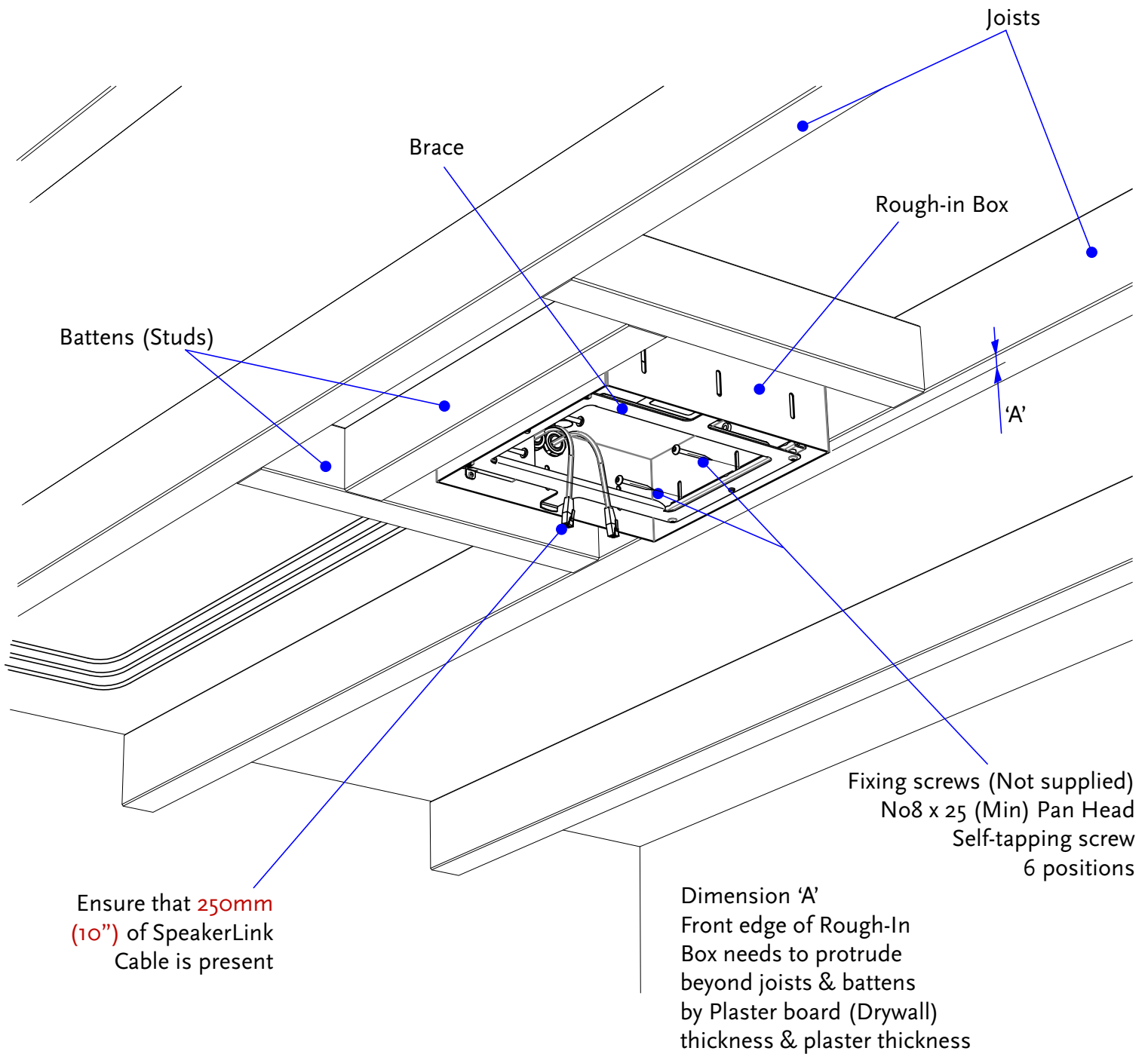
The following diagram illustrates the kit of parts of the Rough-in Box



These instructions are for installing a Meridian Rough-in Box RF300 in a ceiling (or wall).

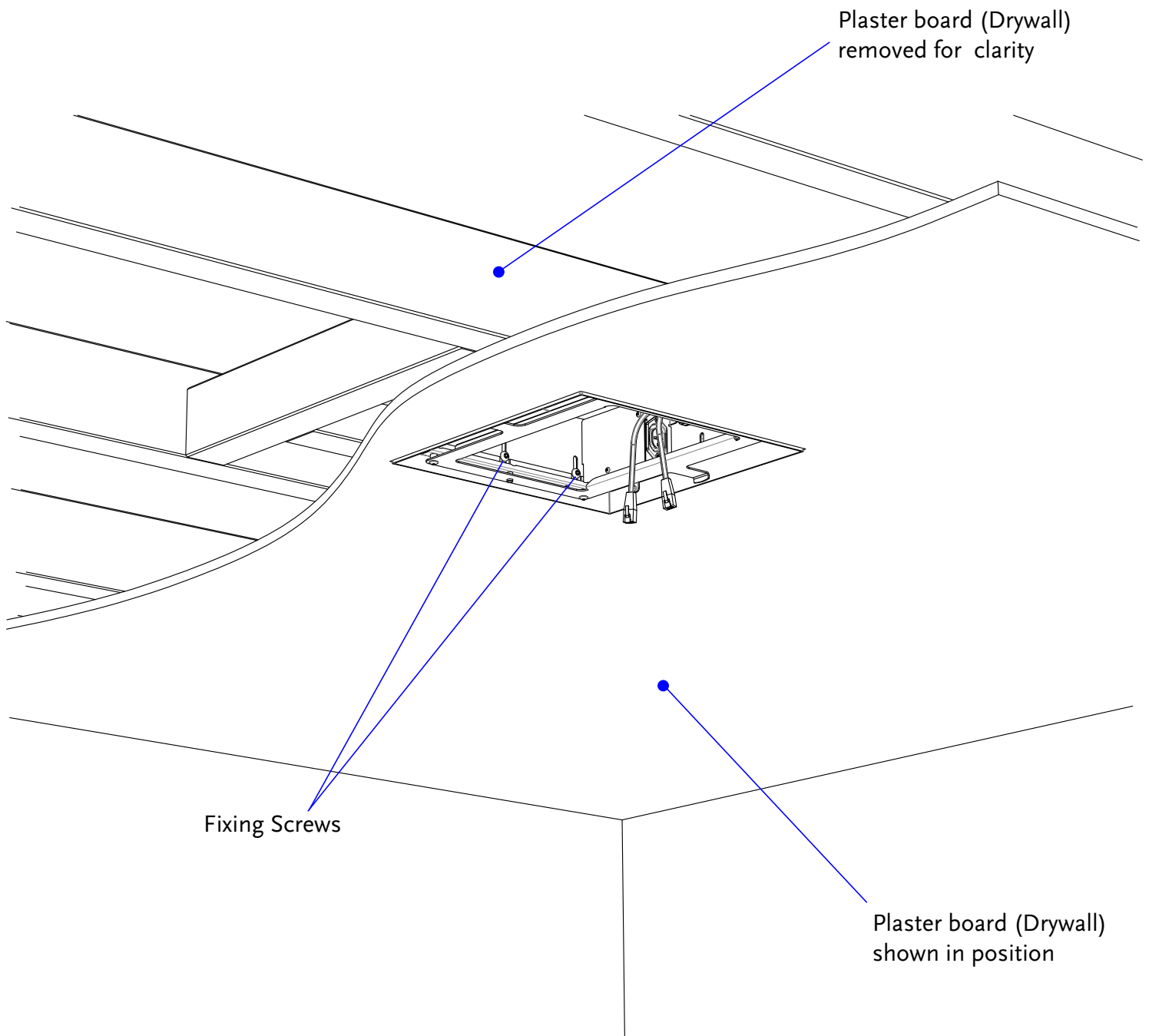
For a new ceiling/wall under construction (Start here at ②), or an existing ceiling/stud wall (Start at ④). This product can also be installed in a brick or stone built wall, either at construction stage or into an existing wall

## ② Installation - New build



- Rough-in Box is installed by screwing through the side slots with recommended sized screws into pre-prepared woodwork, Joists; Battens and Studs.
- Woodwork must fit firmly to the side of the Rough-in Box. Such that once screws are tightened side wall of Rough-in Box is *not* distorted.
- Initially leave fixing screws loose enough so that Rough-in Box position can be easily adjusted.

## ③ Installation - New build



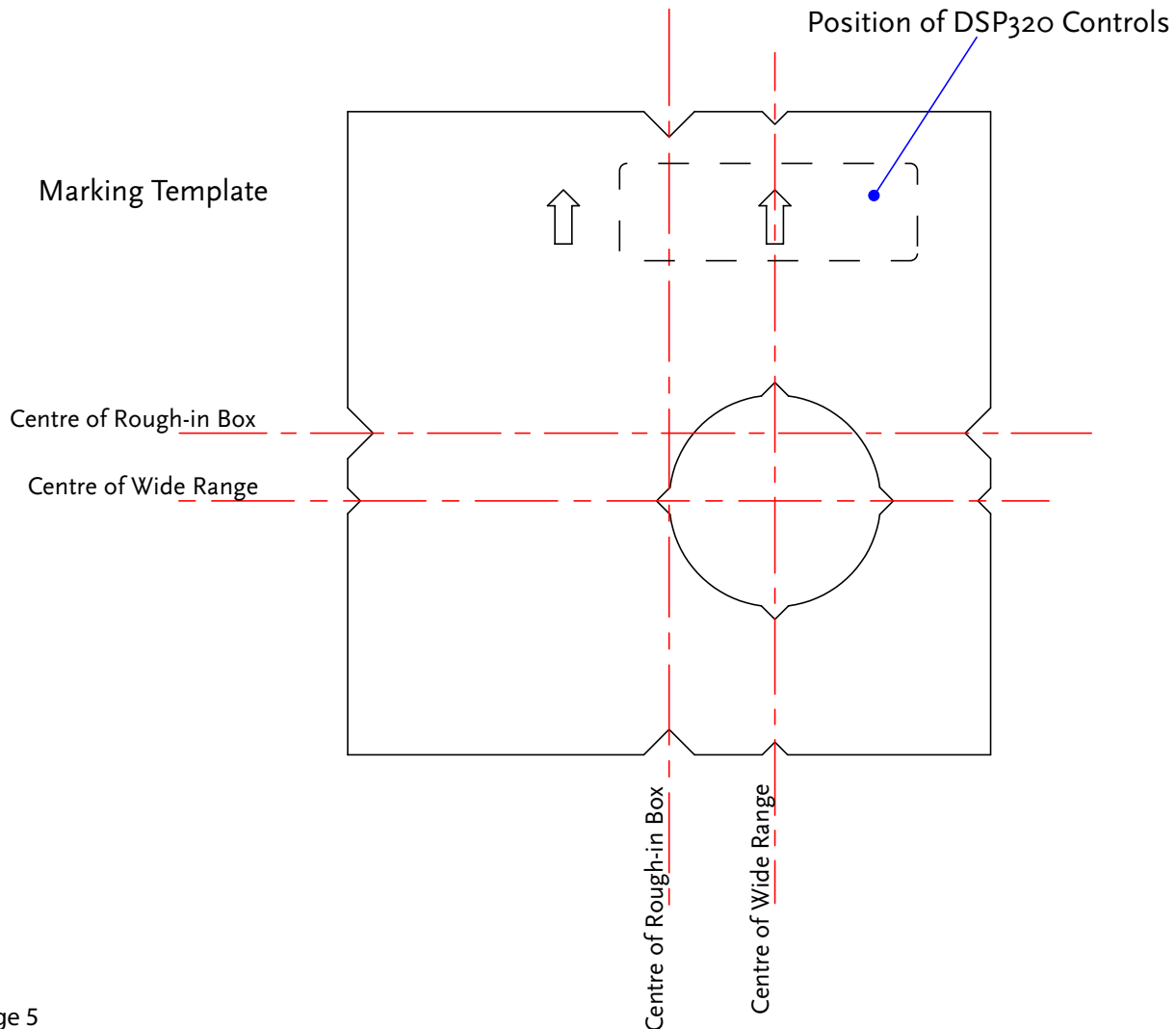
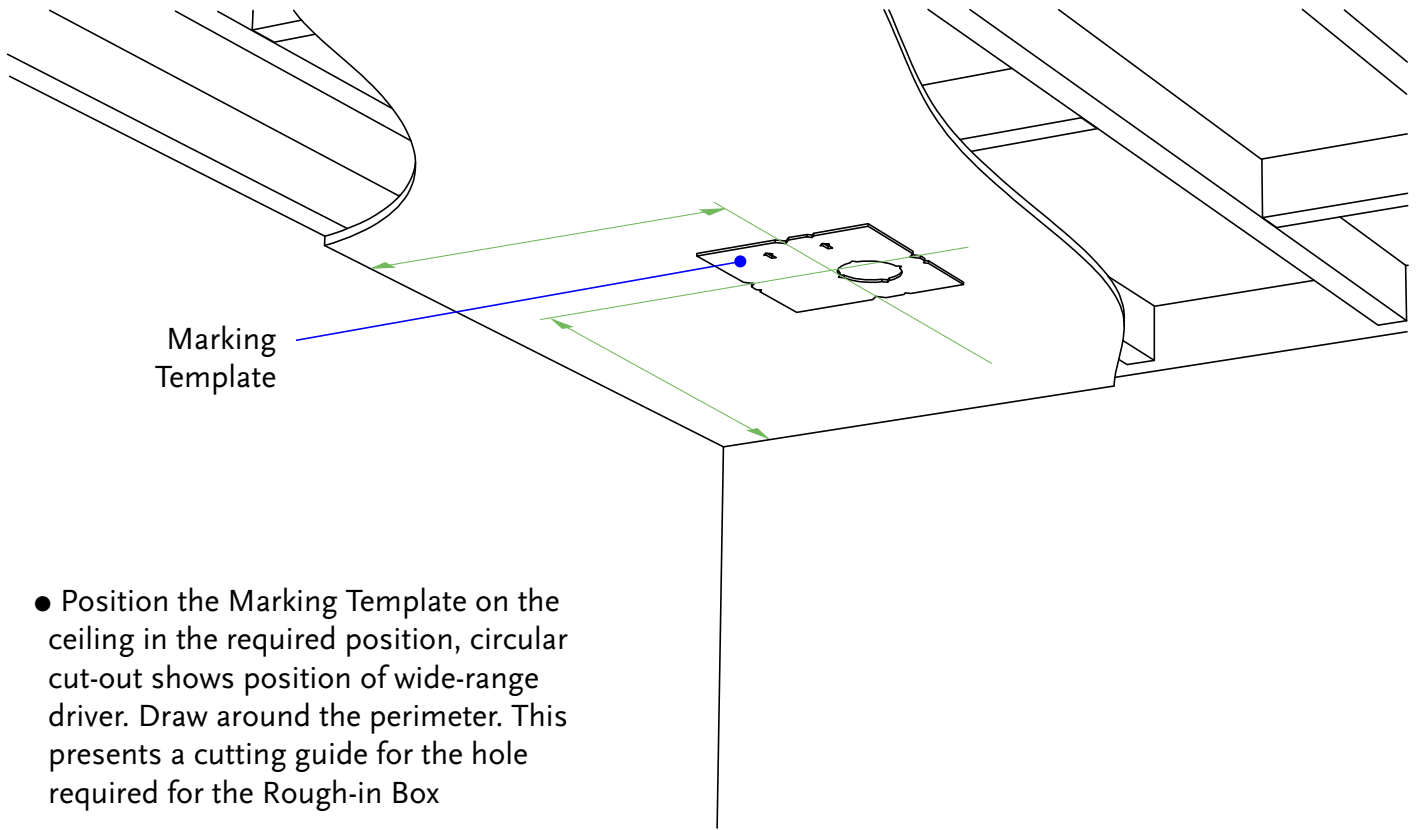
### Without Trim Frame

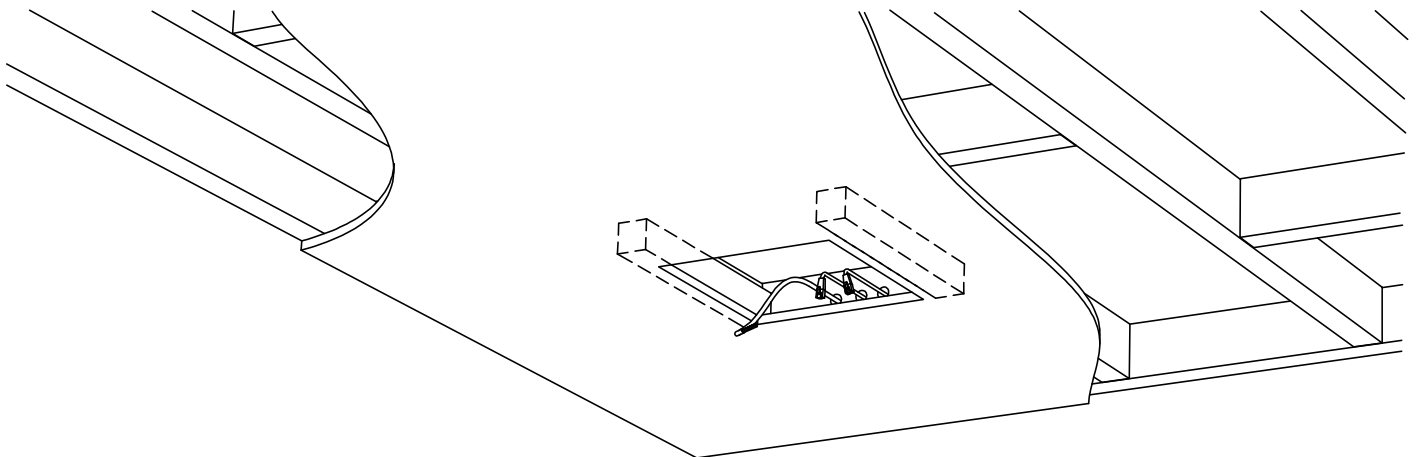
- Make sure front edge of Rough-in box is 2 to 4mm proud of the plaster board (Drywall) surface. **Sufficient** for a suitable thickness of plaster.
- Once depth of Rough-in Box is decided upon, tighten fixing screws (minimum 6 places) in slots.

### With Trim Frame

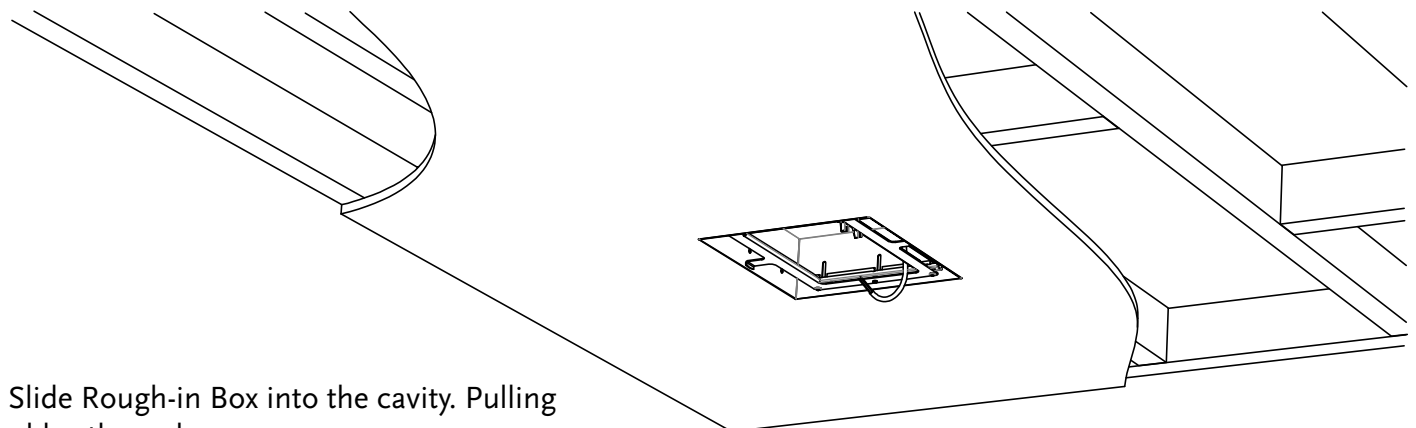
- Make sure Rough-in Box edge is level to or very slightly below the surface of the ceiling (1.5mm Max). The final position of the Grille relative to the Ceiling is determined by this operation. Rough-in Box must NEVER protrude beyond surface
- Tighten fixing screws

# ④ Installation - Existing build



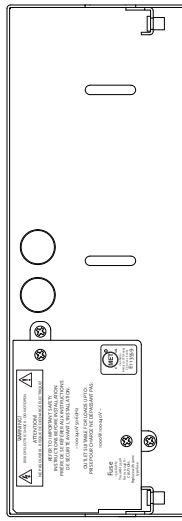


- Thread 2 off wooden Battens (Studs) through the aperture and fix loosely on either side of the hole, level with the cut edge of the hole.
- Ensure the battens (studs) are approximately 300mm (11.8") apart.
- Allow for approximately 250mm (10") of mains \ac power & SpeakerLink cable

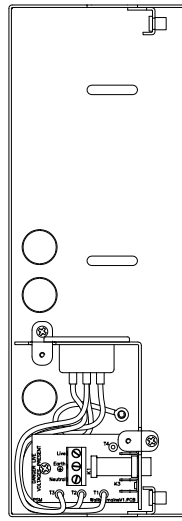


- Slide Rough-in Box into the cavity. Pulling cables through.
- Screw through side slots into the battens (studs). If necessary loosen screws securing batten (studs) to ceiling, allowing the battens to pull into position against the Rough-in Box, rather than the sides of the Rough-in Box being pulled (apart) to the battens. Re-tighten or replace screws fastening batten to ceiling.
- Make sure Rough-in Box edge is level to or very slightly below the surface of the ceiling (1.5mm Max). The final position of the Grille relative to the Ceiling is determined by this operation. Rough-in Box must NEVER protrude beyond surface
- **Tighten fixing screws at this point. It is VITAL that the sides of Rough-in Box remain straight and true and are not bent or distorted.**

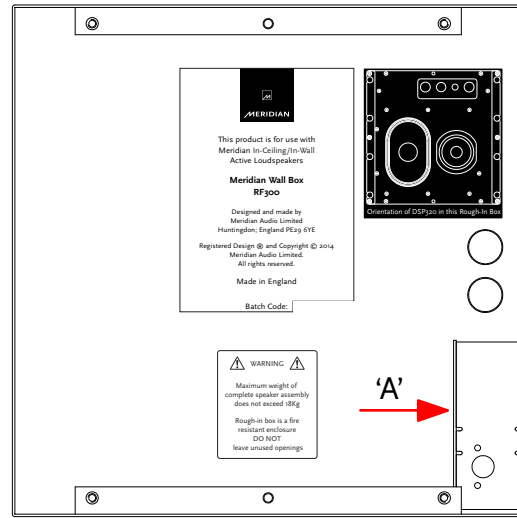
# ⑤ Meridian Rough-In Wall Box Mains Wiring Instructions



With Cover in place



With Cover removed



View in direction of Arrow 'A'

This sheet is intended as a guide for wiring the mains\ac power to the Meridian Rough-in box

This equipment is intended for permanent connection to the mains\ac power supply.

A skilled and suitably trained person must carry out connection to the mains\ac power. National and local building regulations and electrical requirements must be adhered to when installing this equipment. Copper conductors should be used.

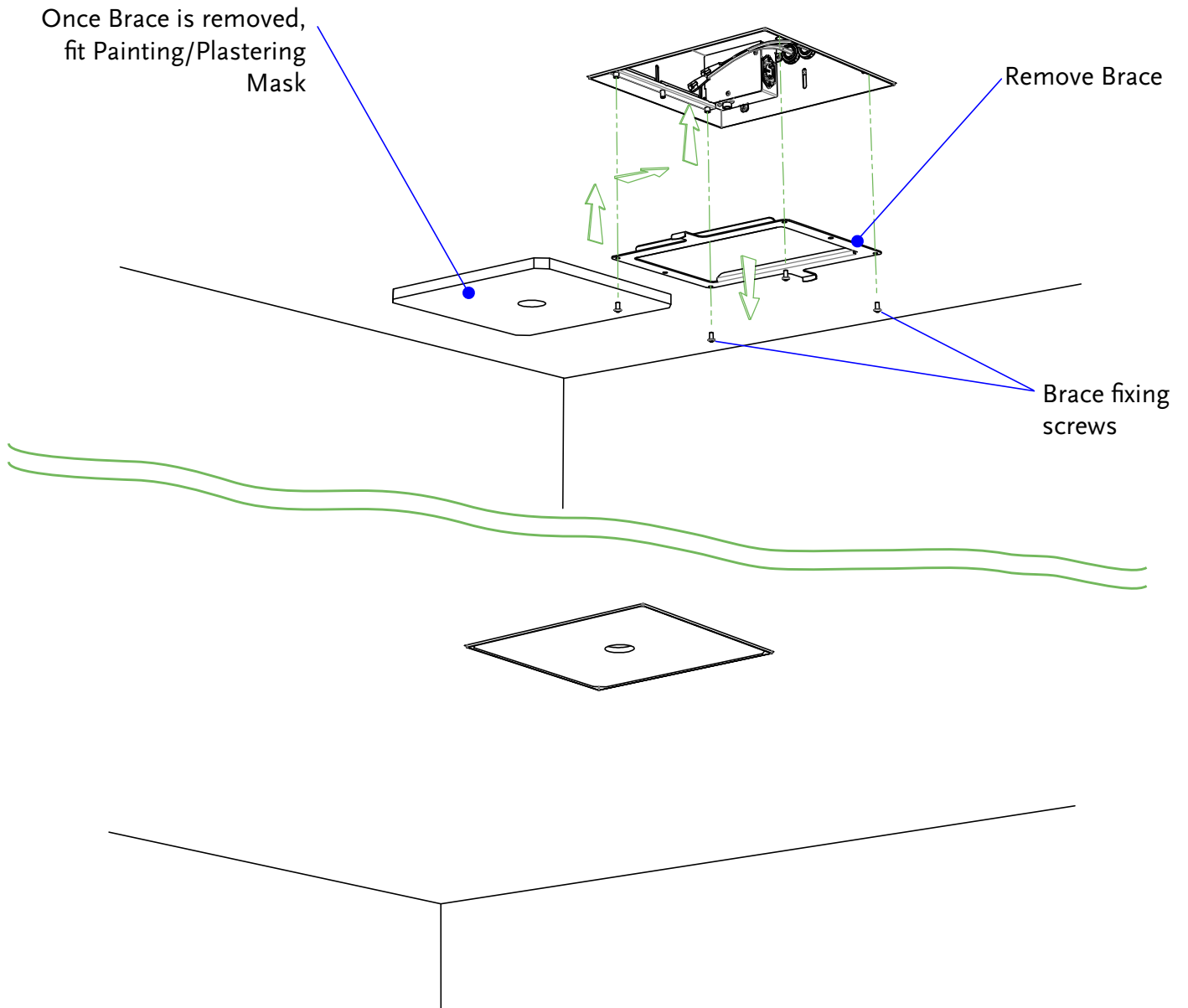
An all pole mains\ac power switch with a contact separation of at least 3mm in each pole shall be incorporated into the electrical installation of the building.

Permanent connection of Meridian Rough-In box to mains:

- 1) Isolate the mains\ac power before connection.
- 2) Remove the mains\ac power terminal cover.
- 3) Feed the mains\ac power cable through the grommeted hole, or use a suitable cable-gland in place of the grommet if the national and local electrical and building regulations require it.
- 4) Connect to the terminal block on circuit board Neutral, Earth and Live connections.
- 5) Replace the mains\ac power terminal cover.



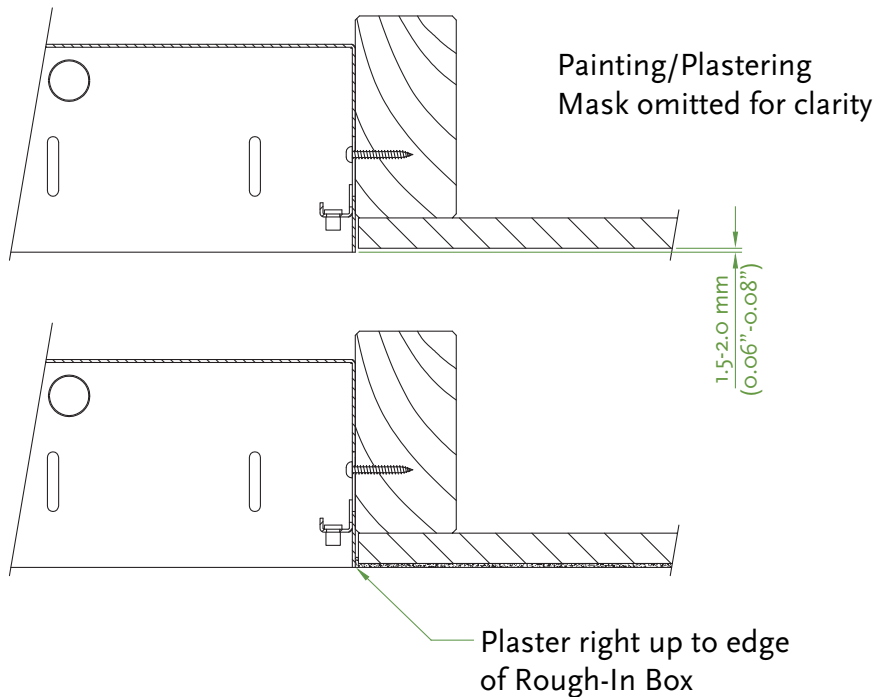
## ⑥ Preparing for Plaster & Paint



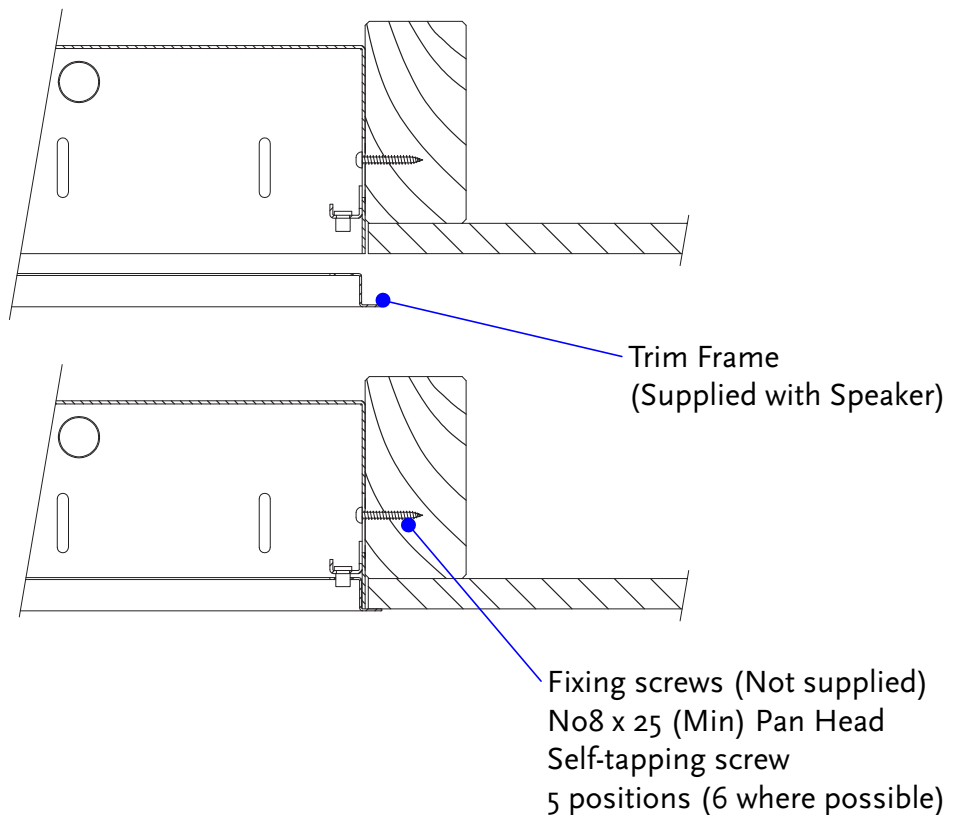
- Check that approximately **250mm (10")** of SpeakerLink & mains\ac power (If yet to be connected) cable is present
- Once Plaster board (Drywall) installation is complete, fit 'Painting/Plastering Mask' to protect internals of 'Rough-in Box' whilst plastering & painting is taking place.

# 7 Plastering & making good

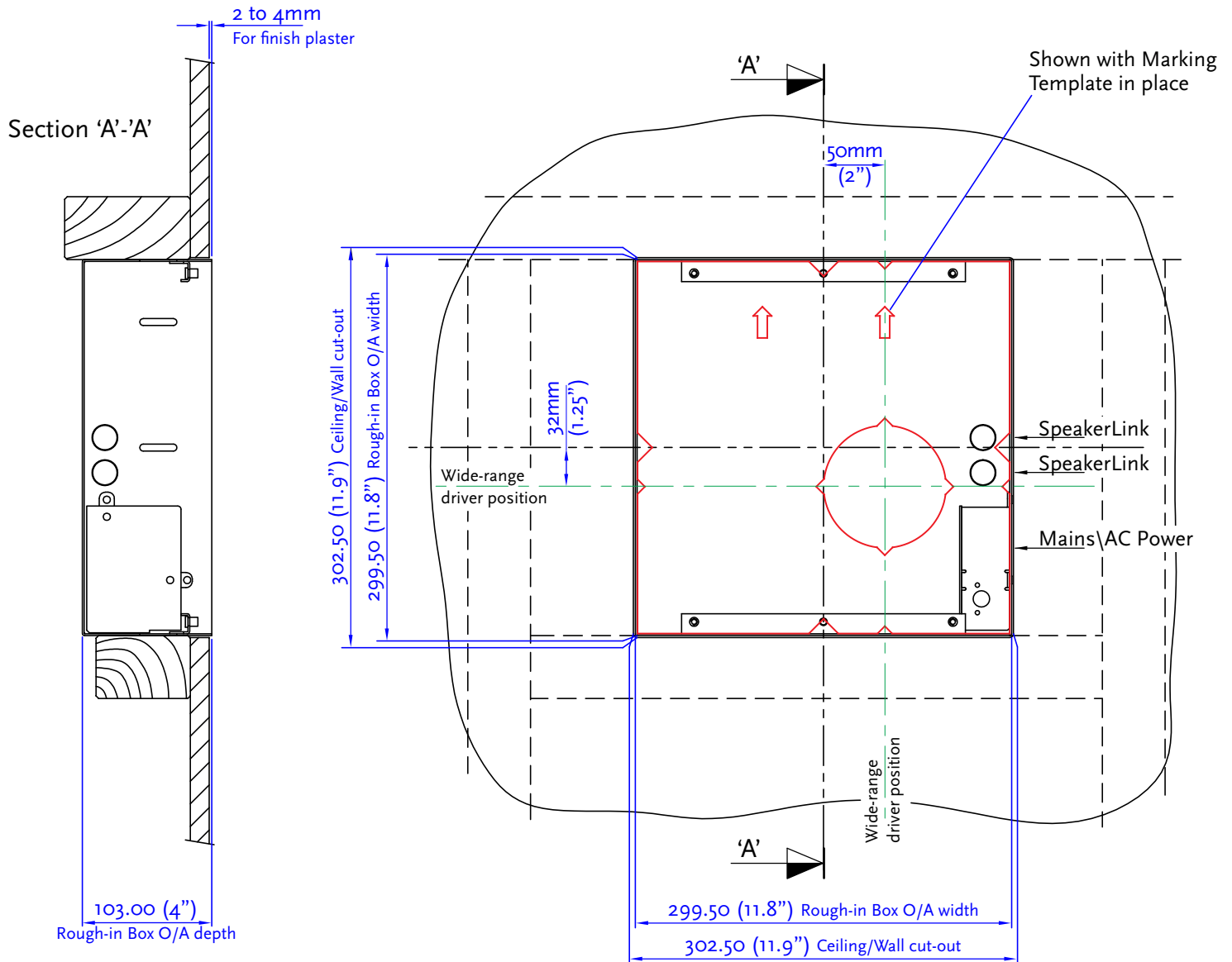
Installation of Rough-In Box *without* Trim Frame  
 1) Fix the Rough-In Box so that front edge protrudes 2 to 4mm above surface of ceiling. **Sufficient** for a suitable thickness of plaster.  
 2) Apply and spread plaster right up to the edge of the Rough-In Box



Installation of Rough-In Box *with* Trim Frame  
 1) Fix the Rough-In Box so that front edge is level. Make sure Rough-in Box edge is level to or very slightly below the surface of the ceiling (1.5mm Max). The final position of the Grille relative to the Ceiling is determined by this operation. Rough-in Box must NEVER protrude beyond surface  
 2) Clamp and hold the Trim Frame in place with the Loudspeaker.



# ⑧ Dimensional drawing



Total weight of DSP320 Speaker which will be installed in this  
Rough-In Box - 6kg (13.2 lbs)

## **Meridian RF300**

Digital Signal Processing Loudspeaker Rough-in Box  
Designed and made by Meridian Audio Limited  
Huntingdon; England PE29 6YE

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