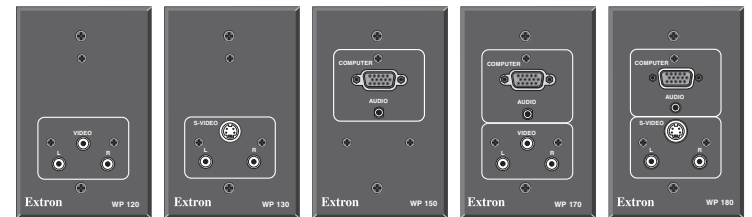


Installation Manual



Wallplates Connection Accessories

68-606-01 Rev. C
02 05



Extron Electronics, USA
1230 South Lewis Street
Anaheim, CA 92805
USA
714.491.1500
Fax 714.491.1517

Extron Electronics, Europe
Beeldschermweg 6C
3821 AH Amersfoort
The Netherlands
+31.33.453.4040
Fax +31.33.453.4050

Extron Electronics, Asia
135 Joo Seng Road, #04-01
PM Industrial Building
Singapore 368363
+65.6383.4400
Fax +65.6383.4664

Extron Electronics, Japan
Kyodo Building
16 Ichibancho
Chiyoda-ku, Tokyo 102-0082 Japan
+81.3.3511.7655
Fax +81.3.3511.7656

Precautions

Safety Instructions • English



This symbol is intended to alert the user of important operating and maintenance (servicing) instructions in the literature provided with the equipment.



This symbol is intended to alert the user of the presence of uninsulated dangerous voltage within the product's enclosure that may present a risk of electric shock.

Caution

Read Instructions • Read and understand all safety and operating instructions before using the equipment.

Retain Instructions • The safety instructions should be kept for future reference.

Follow Warnings • Follow all warnings and instructions marked on the equipment or in the user information.

Avoid Attachments • Do not use tools or attachments that are not recommended by the equipment manufacturer because they may be hazardous.

Consignes de Sécurité • Français



Ce symbole sert à avertir l'utilisateur que la documentation fournie avec le matériel contient des instructions importantes concernant l'exploitation et la maintenance (réparation).



Ce symbole sert à avertir l'utilisateur de la présence dans le boîtier de l'appareil de tensions dangereuses non isolées posant des risques d'électrocution.

Attention

Lire les instructions • Prendre connaissance de toutes les consignes de sécurité et d'exploitation avant d'utiliser le matériel.

Conservser les instructions • Ranger les consignes de sécurité afin de pouvoir les consulter à l'avenir.

Respecter les avertissements • Observer tous les avertissements et consignes marqués sur le matériel ou présentés dans la documentation utilisateur.

Eviter les pièces de fixation • Ne pas utiliser de pièces de fixation ni d'outils non recommandés par le fabricant du matériel car cela risquerait de poser certains dangers.

Sicherheitsanleitungen • Deutsch



Dieses Symbol soll dem Benutzer in der im Lieferumfang enthaltenen Dokumentation besonders wichtige Hinweise zur Bedienung und Wartung (Instandhaltung) geben.



Dieses Symbol soll den Benutzer darauf aufmerksam machen, daß im Inneren des Gehäuses dieses Produktes gefährliche Spannungen, die nicht isoliert sind und die einen elektrischen Schock verursachen können, herrschen.

Achtung

Lesen der Anleitungen • Bevor Sie das Gerät zum ersten Mal verwenden, sollten Sie alle Sicherheits- und Bedienungsanleitungen genau durchlesen und verstehen.

Aufbewahren der Anleitungen • Die Hinweise zur elektrischen Sicherheit des Produktes sollten Sie aufbewahren, damit Sie im Bedarfsfall darauf zurückgreifen können.

Befolgen der Warnhinweise • Befolgen Sie alle Warnhinweise und Anleitungen auf dem Gerät oder in der Benutzerdokumentation.

Keine Zusatzgeräte • Verwenden Sie keine Werkzeuge oder Zusatzgeräte, die nicht ausdrücklich vom Hersteller empfohlen wurden, da diese eine Gefahrenquelle darstellen können.

Instrucciones de seguridad • Español



Este símbolo se utiliza para advertir al usuario sobre instrucciones importantes de operación y mantenimiento (o cambio de partes) que se desean destacar en el contenido de la documentación suministrada con los equipos.



Este símbolo se utiliza para advertir al usuario sobre la presencia de elementos con voltaje peligroso sin protección aislante, que puedan encontrarse dentro de la caja o alojamiento del producto, y que puedan representar riesgo de electrocución.

Precaución

Leer las instrucciones • Leer y analizar todas las instrucciones de operación y seguridad, antes de usar el equipo.

Conservar las instrucciones • Conservar las instrucciones de seguridad para futura consulta.

Obedecer las advertencias • Todas las advertencias e instrucciones marcadas en el equipo o en la documentación del usuario, deben ser obedecidas.

Evitar el uso de accesorios • No usar herramientas o accesorios que no sean específicamente recomendados por el fabricante, ya que podrían implicar riesgos.

Warning

Power sources • This equipment should be operated only from the power source indicated on the product. This equipment is intended to be used with a main power system with a grounded (neutral) conductor. The third (grounding) pin is a safety feature, do not attempt to bypass or disable it.

Power disconnection • To remove power from the equipment safely, remove all power cords from the rear of the equipment, or the desktop power module (if detachable), or from the power source receptacle (wall plug).

Power cord protection • Power cords should be routed so that they are not likely to be stepped on or pinched by items placed upon or against them.

Servicing • Refer all servicing to qualified service personnel. There are no user-serviceable parts inside. To prevent the risk of shock, do not attempt to service this equipment yourself because opening or removing covers may expose you to dangerous voltage or other hazards.

Slots and openings • If the equipment has slots or holes in the enclosure, these are provided to prevent overheating of sensitive components inside. These openings must never be blocked by other objects.

Lithium battery • There is a danger of explosion if battery is incorrectly replaced. Replace it only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

Avertissement

Alimentations • Ne faire fonctionner ce matériel qu'avec la source d'alimentation indiquée sur l'appareil. Ce matériel doit être utilisé avec une alimentation principale comportant un fil de terre (neutre). Le troisième contact (de mise à la terre) constitue un dispositif de sécurité: n'essayez pas de le contourner ni de la désactiver.

Déconnexion de l'alimentation • Pour mettre le matériel hors tension sans danger, déconnectez tous les cordons d'alimentation de l'arrière de l'appareil ou du module d'alimentation de bureau (s'il est amovible) ou encore de la prise secteur.

Protection du cordon d'alimentation • Acheminer les cordons d'alimentation de manière à ce que personne ne risque de marcher dessus et à ce qu'ils ne soient pas écrasés ou pincés par des objets.

Réparation-maintenance • Faire exécuter toutes les interventions de réparation-maintenance par un technicien qualifié. Aucun des éléments internes ne peut être réparé par l'utilisateur. Afin d'éviter tout danger d'électrocution, l'utilisateur ne doit pas essayer de procéder lui-même à des opérations car l'ouverture ou le retrait des couvercles risquent de l'exposer à de hautes tensions et autres dangers.

Fentes et orifices • Si le boîtier de l'appareil comporte des fentes ou des orifices, ceux-ci servent à empêcher les composants internes sensibles de surchauffer. Ces ouvertures ne doivent jamais être bloquées par des objets.

Lithium Batterie • Il a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur. Mettre au reut les batteries usagées conformément aux instructions du fabricant.

Vorsicht

Stromquellen • Dieses Gerät sollte nur über die auf dem Produkt angegebene Stromquelle betrieben werden. Dieses Gerät wurde für eine Verwendung mit einer Hauptstromleitung mit einem geerdeten (neutralen) Leiter konzipiert. Der dritte Kontakt ist für einen Erdschluss, und stellt eine Sicherheitsfunktion dar. Diese sollte nicht umgangen oder außer Betrieb gesetzt werden.

Stromunterbrechung • Um das Gerät auf sichere Weise vom Netz zu trennen, sollten Sie alle Netzkabel aus der Rückseite des Gerätes, aus der externen Stromversorgung (falls dies möglich ist) oder aus der Wandsteckdose ziehen.

Schutz des Netzkabels • Netzkabel sollten stets so verlegt werden, daß sie nicht im Weg liegen und niemand darauf treten kann oder Objekte darauf- oder unmittelbar dagegestellt werden können.

Wartung • Alle Wartungsmaßnahmen sollten nur von qualifiziertem Servicepersonal durchgeführt werden. Die internen Komponenten des Gerätes sind wartungsfrei. Zur Vermeidung eines elektrischen Schocks versuchen Sie in keinem Fall, dieses Gerät selbst öffnen, da beim Entfernen der Abdeckungen die Gefahr eines elektrischen Schlags und/oder andere Gefahren bestehen.

Schlitze und Öffnungen • Wenn das Gerät Schlitze oder Löcher im Gehäuse aufweist, dienen diese zur Vermeidung einer Überhitzung der empfindlichen Teile im Inneren. Diese Öffnungen dürfen niemals von anderen Objekten blockiert werden.

Litium-Batterie • Explosionsgefahr, falls die Batterie nicht richtig ersetzt wird. Ersetzen Sie verbrauchte Batterien nur durch den gleichen oder einen vergleichbaren Batterietyp, der auch vom Hersteller empfohlen wird. Entsorgen Sie verbrauchte Batterien bitte gemäß den Herstelleranweisungen.

Advertencia

Alimentación eléctrica • Este equipo debe conectarse únicamente a la fuente/tipo de alimentación eléctrica al equipo, desenchufar todos los cables de alimentación debe provenir de un sistema de distribución general con conductor neutro a tierra. La tercera pata (puesta a tierra) es una medida de seguridad, no puentearla ni eliminarla.

Desconexión de alimentación eléctrica • Para desconectar con seguridad la acometida de alimentación eléctrica al equipo, desenchufar todos los cables de alimentación en el panel trasero del equipo, o desenchufar el módulo de alimentación (si fuera independiente), o desenchufar el cable del receptáculo de la pared.

Protección del cables de alimentación • Los cables de alimentación eléctrica se deben instalar en lugares donde no sean pisados ni apretados por objetos que se puedan apoyar sobre ellos.

Reparaciones/mantenimiento • Solicitar siempre los servicios técnicos de personal calificado. En el interior no hay partes a las que el usuario deba acceder. Para evitar riesgo de electrocución, no intentar personalmente la reparación/mantenimiento de este equipo, ya que al abrirlo o extraer las tapas puede quedar expuesto a voltajes peligrosos u otros riesgos.

Ranuras y aberturas • Si el equipo posee ranuras o orificios en su caja/alojamiento, es para evitar el sobrecalentamiento de componentes internos sensibles. Estas aberturas nunca se deben obstruir con otros objetos.

Batería de litio • Existe riesgo de explosión si esta batería se coloca en la posición incorrecta. Cambiar esta batería únicamente con el mismo tipo (o su equivalente) recomendado por el fabricante. Desachar las baterías usadas siguiendo las instrucciones del fabricante.

FCC Class A Notice

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Note: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to ensure compliance.

Extron's Warranty

Extron Electronics warrants this product against defects in materials and workmanship for a period of three years from the date of purchase. In the event of malfunction during the warranty period attributable directly to faulty workmanship and/or materials, Extron Electronics will, at its option, repair or replace said products or components, to whatever extent it shall deem necessary to restore said product to proper operating condition, provided that it is returned within the warranty period, with proof of purchase and description of malfunction to:

USA, Canada, South America, and Central America:

Extron Electronics
1001 East Ball Road
Anaheim, CA 92805, USA

Asia:

Extron Electronics, Asia
135 Joo Seng Road, #04-01
PM Industrial Bldg.
Singapore 368363

Europe, Africa, and the Middle East:

Extron Electronics, Europe
Beeldschermweg 6C
3821 AH Amersfoort
The Netherlands

Japan:

Extron Electronics, Japan
Kyodo Building
16 Ichibancho
Chiyoda-ku, Tokyo 102-0082
Japan

This Limited Warranty does not apply if the fault has been caused by misuse, improper handling care, electrical or mechanical abuse, abnormal operating conditions or non-Extron authorized modification to the product.

If it has been determined that the product is defective, please call Extron and ask for an Applications Engineer at (714) 491-1500 (USA), 31.33.453.4040 (Europe), 65.6383.4400 (Asia), or 81.3.3511.7655 (Japan) to receive an RA# (Return Authorization number). This will begin the repair process as quickly as possible.

Units must be returned insured, with shipping charges prepaid. If not insured, you assume the risk of loss or damage during shipment. Returned units must include the serial number and a description of the problem, as well as the name of the person to contact in case there are any questions.

Extron Electronics makes no further warranties either expressed or implied with respect to the product and its quality, performance, merchantability, or fitness for any particular use. In no event will Extron Electronics be liable for direct, indirect, or consequential damages resulting from any defect in this product even if Extron Electronics has been advised of such damage.

Please note that laws vary from state to state and country to country, and that some provisions of this warranty may not apply to you.

Quick Start Guide — Wallplates

CAUTION *Installation and service must be performed by authorized personnel only. These units must be installed in accordance with the National Electrical Code and with local electrical codes.*

NOTE *These wallplates are passive devices and do not provide buffering or other processing.*

To install the Wallplates, follow these steps and see the appropriate section of this manual for details:

Step 1

Select the site and run cables through the wall or furniture where the wallplate(s) will be installed.

Step 2

Prepare the site: cut a hole (see page A-7 for a template), and install an electrical box or mud ring/mounting bracket (see page 1-2). Cable clamps should be used to hold the cables in place for strain relief. Trim back and/or insulate exposed cable shields with heat shrink to reduce the chance of short circuits.

Step 3

Attach connectors to the input and output cables. See pages 1-4 to 1-7 for wiring diagrams.

Step 4

Connect the terminated output cables to the Wallplate's rear panel connectors. See page 1-4 for details. An application example is shown on the next page.

- Composite video input on a BNC connector is output on one BNC connector (WP 120, WP 120 AUS, WP 170, WP 170 AUS).
- S-video input on a 4-pin mini-DIN connector is output on a 4-pin mini-DIN connector (WP 130, WP 180).
- Computer-video input on 15-pin HD connectors will be output on five female BNC connectors (WP 150, WP 150 AUS, WP 170, WP 170 AUS, WP 180).
- Unbalanced audio input from RCA connectors is output on a 3-pole captive screw connector (WP 130, WP 170, WP 170 AUS, WP 180).
- Unbalanced computer audio input from a miniature stereo plug (tip-ring-sleeve connector) is output on a 3-pole captive screw connector (WP 150, WP 150 AUS, WP 170, WP 170 AUS, WP 180).

Quick Start Guide — Wallplates, cont'd

Step 5

Temporarily attach the input cables to the front panel connectors. See "Front Panel Features and Cabling" on page 1-6.

Step 6

Verify that you have correctly wired the connectors and attached the cables, and **test the system**: connect the input and output devices to a power source, turn them on, and check for the correct audio/video output.

Step 7

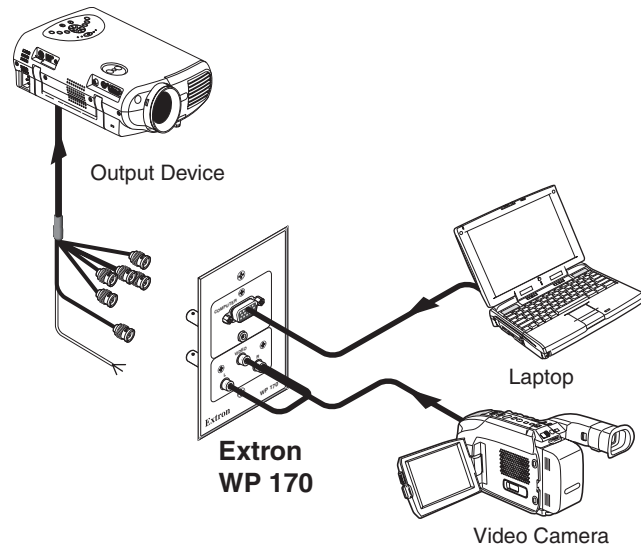
Disconnect all the devices from the power source, and **correct any cabling errors**.

Step 8

Mount the Wallplate to the wall or furniture. Being careful not to damage the cables, place the wallplate onto/against the wall or furniture and secure it to the wall/furniture with the provided screws.

Step 9

Reconnect the input cables to the front panel connectors. See "Front Panel Features and Cabling" on page 1-6.



A typical Wallplate application featuring a WP 170

Table of Contents

Chapter 1 • Installation	1-1
Preparing the Site and Installing the Wall Box	1-2
Rear Panel Connectors and Cabling	1-4
Front Panel Features and Cabling	1-6
Appendix A • Specifications, Part Numbers, Dimensions	A-1
Specifications	A-2
Included Parts	A-3
Dimensions	A-4
WP 120 dimensions	A-4
WP 120 AUS dimensions	A-4
WP 130 dimensions	A-5
WP 150 dimensions	A-6
WP 150 AUS dimensions	A-6
WP 170 dimensions	A-7
WP 170 AUS dimensions	A-7
WP 180 dimensions	A-8
Templates	A-9
WP Series (1-gang) cut-out template	A-9
WP AUS Series (Australian models) cut-out template	A-10

All trademarks mentioned in this manual are the properties of their respective owners.

68-606-01 **Rev. C**
02 05



1 Chapter One

Installation

Preparing the Site and Installing the Wall Box

Rear Panel Connectors and Cabling

Front Panel Features and Cabling

Installation

The Extron Wallplates are wall- or furniture-mountable accessories that provide a convenient way to make pass-through connections from audio and video source devices.

The wallplates can be directly mounted onto or in furniture or walls, or they can be attached to mounting brackets (mud rings) or standard electrical wall boxes.

- WP 120, WP 130, WP 150, WP 170, and WP 180 fit into a standard U.S. one-gang wall box.
- WP 120 AUS, WP 150 AUS, and WP 170 AUS fit into a standard Australian wall box.

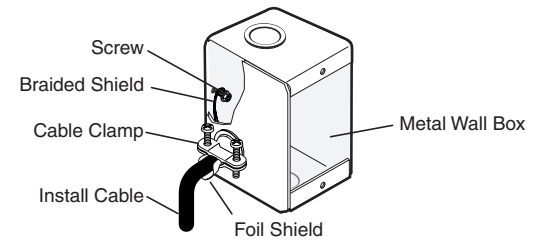
CAUTION Installation and service must be performed by authorized personnel only. These units must be installed with accordance with the National Electrical Code and with local electrical codes.

Preparing the Site and Installing the Wall Box

Choose a location that will allow cable runs without interference. Allow enough depth for both the wall box and the cables. The box should be at least 2.5" (6.4 cm) deep to accommodate the circuit board, connectors, and cables. You may need to install the cables into the wall, furniture, or conduits before installing the wallplate. The wallplate can be installed in a one-gang electrical wall box. Underwriters Laboratories (UL) Listed wall boxes are recommended.

The installation must conform to national and local electrical codes and to the wallplate's size requirements. Dimensional drawings and an actual-size cut-out template are provided in the appendix of this manual.

1. Cut out the center portion of the cut-out template that corresponds to the type of installation being used (full-sized wall box, compact wall box, or no wall box).
2. Place the template (or the wall box) against the installation surface, and mark the guidelines for the opening on the wall or furniture.
3. Cut out the material from the marked area.
4. Check the opening size by inserting the wall box into the opening. The box and the wallplate's circuit board should fit easily into the opening. Enlarge or smooth the edges of the opening if needed.
5. Feed cables through the wall box punch-out holes, and secure them with cable clamps to provide strain relief.
6. Exposed cable shields (braids or foil) are potential sources of short circuits. Trim back and/or insulate shields with heat shrink.



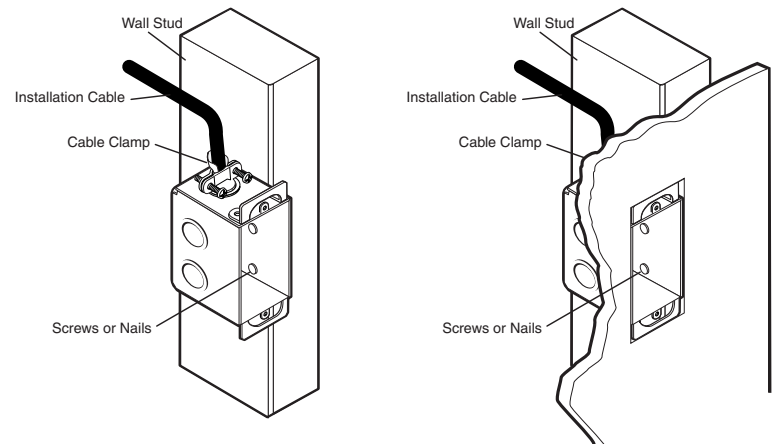
Grounding outer braided and foil shields

WARNING To prevent short circuits, the outer foil shield can be cut back to the point where the cable exits the cable clamp. Both braided and foil shields should be connected to an equipment ground at the other end of the cable.

7. Insert the wall box into the opening, and attach it to the wall, stud, or furniture with nails or screws, leaving the front edge flush with the outer wall or furniture surface. See the illustration below.

If attaching the wall box to wood, use four #8 or #10 screws or 10-penny nails. A minimum of 1/2 inch (1.3 cm) of screw threads must penetrate the wood.

If attaching the wall box to metal studs or furniture, use four #8 or #10 self-tapping sheet metal screws or machine bolts with matching nuts.

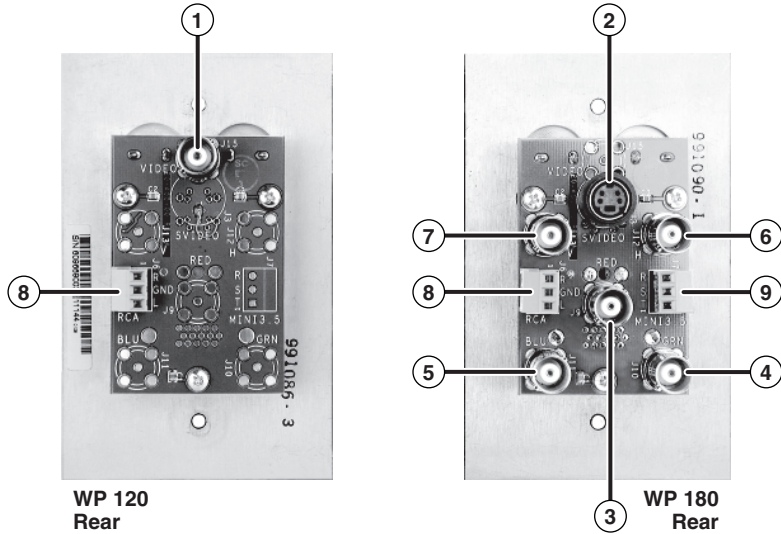


Attaching a wall box to a wall stud

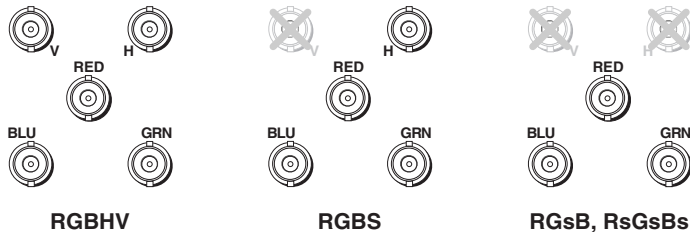
8. Cable and test the wallplate before fastening it into the wall box. The cables will be inaccessible after installation.

Rear Panel Connectors and Cabling

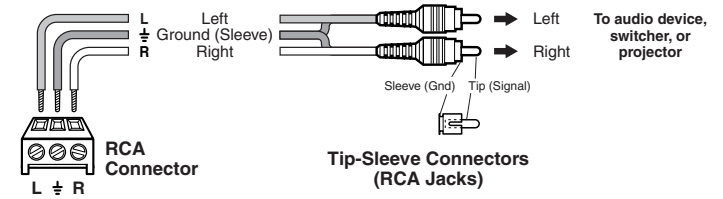
The WP wallplates share a similar circuit board design, which means that each type of rear panel connector will be in the same place on each model, but the quantity and selection of connectors differs from model to model. The WP 120 and WP 180 are shown here as examples, but the cabling and wiring instructions apply to any wallplate with a particular connector.



- ① **Composite video (Video) connector** — Connect a coaxial cable to this female BNC connector.
- ② **S-video (SVideo) connector** — Connect an S-video cable to this 4-pin mini DIN connector.
- ③ = Red, ④ = Green, ⑤ = Blue, ⑥ = horizontal sync (H), ⑦ = vertical sync (V) — Connect coaxial cables to these female BNC connectors for the appropriate RGB signal format.

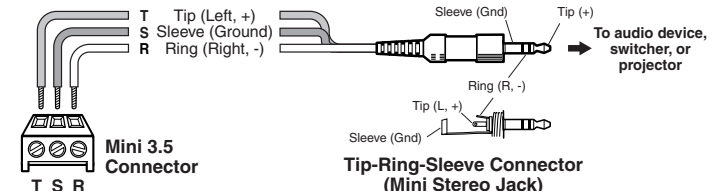


- ⑧ **RCA audio connector** — For unbalanced stereo audio that was input via two front panel RCA connectors, insert wires directly into this 3.5 mm direct insertion captive screw connector as shown below, and tighten the screws to secure the wires.



NOTE Follow the wiring diagram above. The printing on the circuit board may or may not match the wiring pattern.

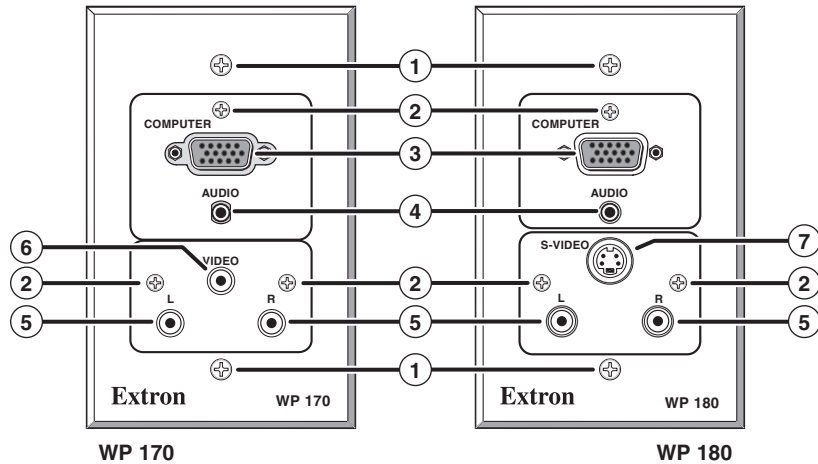
- ⑨ **Mini 3.5 audio connector** — For unbalanced stereo audio that was input via the front panel 3.5 mm mini stereo jack, insert wires directly into this 3.5 mm direct insertion captive screw connector as shown below, and tighten the screws to secure the wires.



CAUTION Connect the sleeve to ground (Gnd). Connecting the sleeve to a negative (-) terminal may damage audio circuits in the audio device, switcher, or projector.

Front Panel Features and Cabling

The WP 170 and WP 180 are shown below because together they include all the front panel connectors that are available in the WP wallplates.

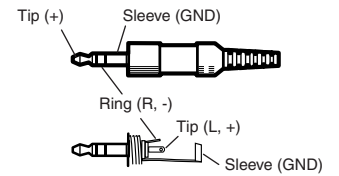


- ① **Mounting screws** (all models) — These two screws fasten the wallplate onto the electrical wall box, mud rings, or furniture.
- ② **Circuit board attachment screws** (all models) — These three small screws fasten the circuit board to the faceplate.

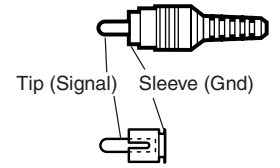
NOTE Do not remove the circuit board attachment screws while the wallplate is attached to the wall or furniture or the circuit board may fall back into the wall or furniture. This is particularly pertinent for a WP 120, WP 120 AUS, or WP 130 because those wallplates lack the jack screw nuts that accompany the computer-video connector found on other models.

- ③ **Computer video connector** (WP 150, WP 150 AUS, WP 170, WP 170 AUS, WP 180) — This 15-pin HD connector is for attaching an RGB computer video source. The signals from this connector are routed out rear panel female BNC connectors.

- ④ **Computer Audio connector** (WP 150, WP 150 AUS, WP 170, WP 170 AUS, WP 180) — The computer audio signals input on this 3.5 mm mini stereo connector are routed out the Mini 3.5 direct insertion captive screw connector on the rear panel. Wire the male jack as shown at right.



- ⑤ **(L and R) audio connectors** (WP 120, WP 120 AUS, WP 130, WP 170, WP 170 AUS, WP 180) — The audio signals input on these RCA-style connectors are routed out the RCA direct insertion captive screw connector on the rear panel. Wire each male RCA connector as shown at right.



- ⑥ **Composite video (Video) connector** (WP 120, WP 120 AUS, WP 170, WP 170 AUS) — The composite video signal input on this RCA-style connector is routed to the rear panel Video BNC connector.
- ⑦ **S-video connector** (WP 130, WP 180) — An S-video signal input on this 4-pin mini DIN connector is routed to the rear panel S-video connector.



Appendix A

Specifications, Part Numbers, Dimensions

Specifications

Included Parts

Dimensions

Templates

Specifications, Part Numbers, Dimensions

Specifications

General

Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
Rack mount	No, but furniture/wall mountable.
Enclosure type	Metal
Dimensions	
1-gang models	
Faceplate	4.5" H x 2.8" W x 0.1" D (11.4 cm H x 7.1 cm W x 0.3 cm D) (1 gang)
Boards	2.6" H x 1.75" W x 1.1" D (6.6 cm H x 4.4 cm W x 2.8 cm D) (Depth includes rear connectors. Allow at least 2.5" (6.4 cm) depth within the wall box or furniture to accommodate the circuit board, connectors, and cables.)
AUS models	
Faceplate	3.0" H x 4.7" W x 0.1" D (7.6 cm H x 11.8 cm W x 0.3 cm D)
Boards	1.75" H x 2.6" W x 1.1" D (4.4 cm H x 6.6 cm W x 2.8 cm D) (Depth includes rear connectors. Allow at least 2.5" (6.4 cm) depth within the wall box or furniture to accommodate the circuit board, connectors, and cables.)
Product weight	0.2 lbs (0.1 kg)
Shipping weight	1 lbs (1 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	FCC Class A, VCCI, AS/NZS, ICES as components of the MLC 206
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTE Specifications are subject to change without notice.

Included Parts

These items are included in each order for a wallplate:

Included parts	Part number
WP 120 (gray, black, white, unfinished)	60-431-01, -11, -21, -51
or WP 120 (gray, black, white, unfinished)	60-431-02, -12, -22, -52
or WP 120 AUS (white)	60-431-32
or WP 130 (gray, black, white, unfinished)	60-430-01, -11, -21, -51
or WP 130 (gray, black, white, unfinished)	60-430-02, -12, -22, -52
or WP 150 (gray, black, white, unfinished)	60-427-01, -11, -21, -51
or WP 150 (gray, black, white, unfinished)	60-427-02, -12, -22, -52
or WP 150 AUS (white)	60-427-32
or WP 170 (gray, black, white, unfinished)	60-429-01, -11, -21, -51
or WP 170 (gray, black, white, unfinished)	60-429-02, -12, -22, -52
or WP 170 AUS (white)	60-429-32
or WP 180 (gray, black, white, unfinished)	60-428-01, -11, -21, -51
or WP 180 (gray, black, white, unfinished)	60-428-02, -12, -22, -52
WP Wallplates User's Manual	68-606-01

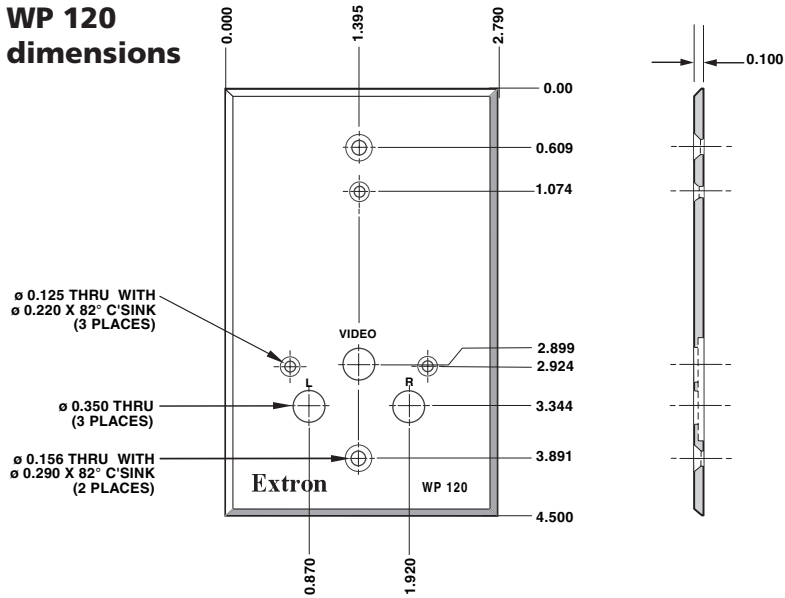
NOTE The part number of each model of the wallplates varies (60-4xx-x1 or 60-4xx-02) depending on the date of manufacture. There is no functional difference between the -x1 and -x2 versions.

The dimensions diagrams in this manual show the 60-4xx-x2 wallplates.

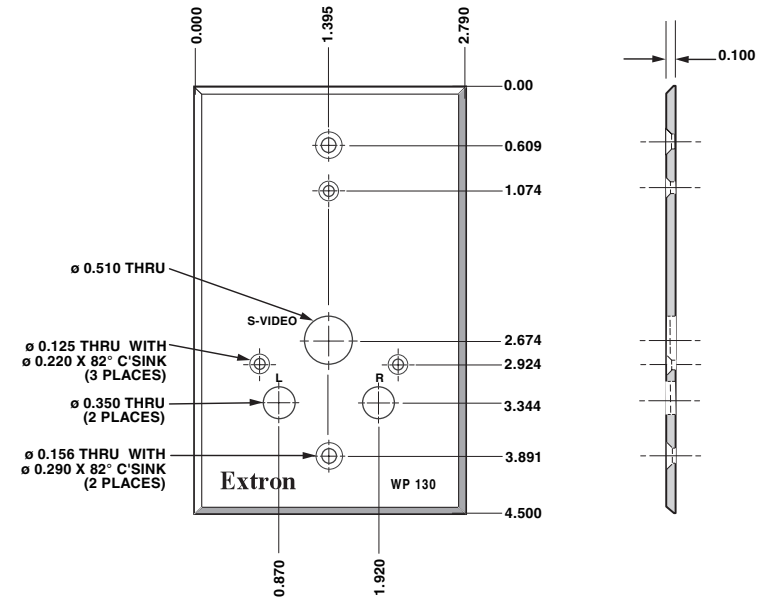
Dimensions

The following diagrams have been reduced to fit on the pages. All dimensions are given in inches. The symbol "ø" indicates a diameter.

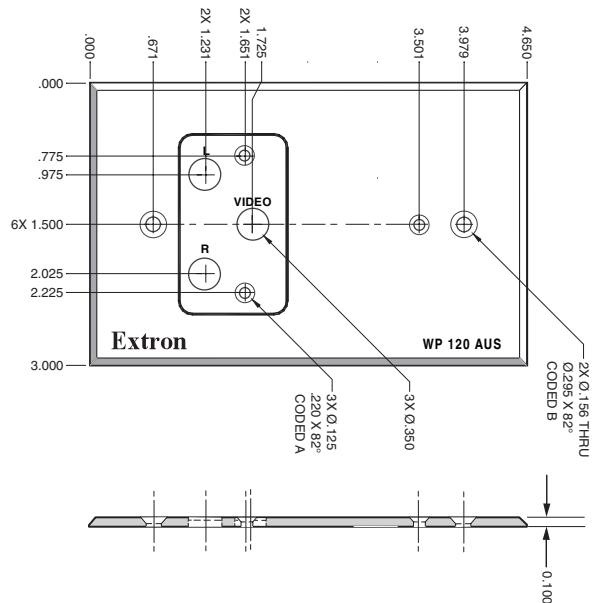
WP 120 dimensions



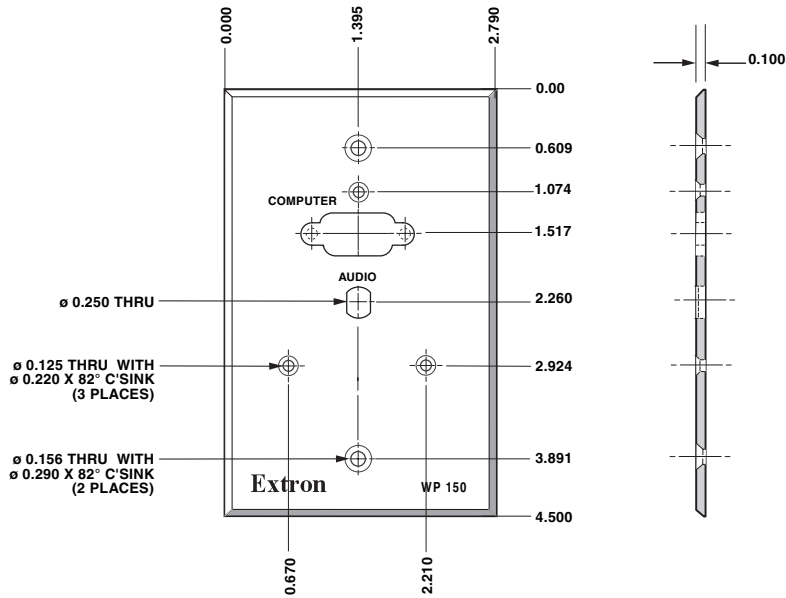
WP 130 dimensions



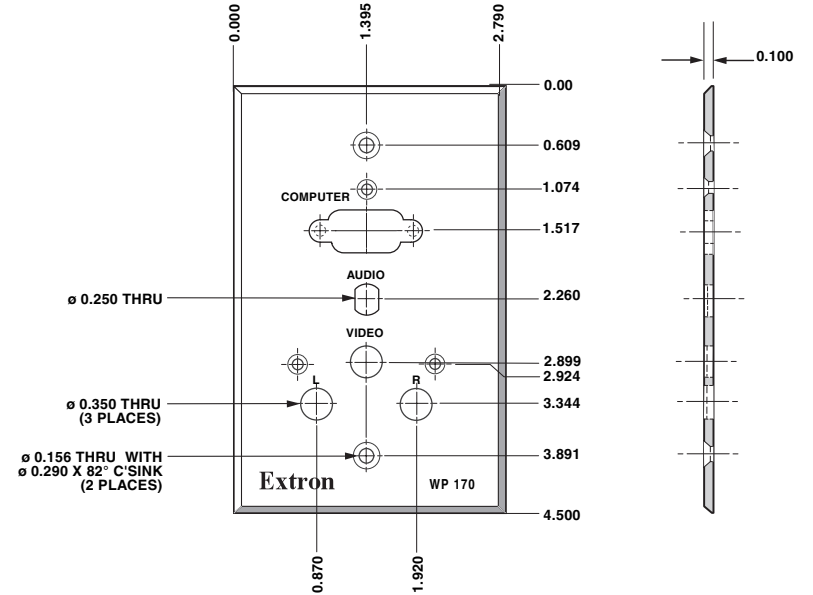
WP 120 AUS dimensions



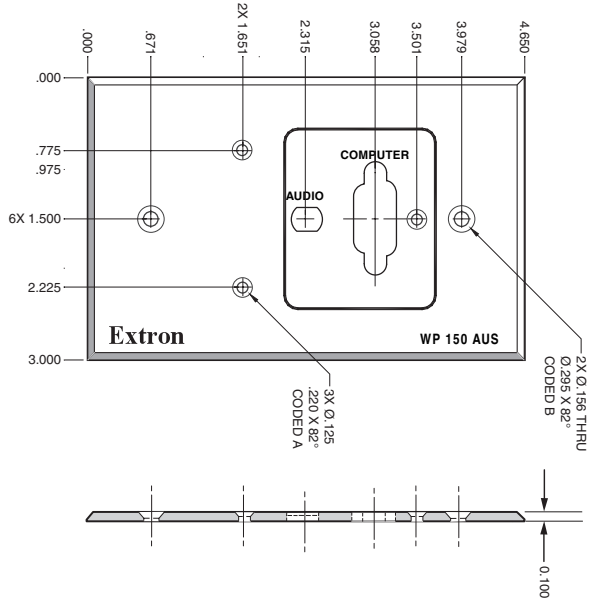
WP 150 dimensions



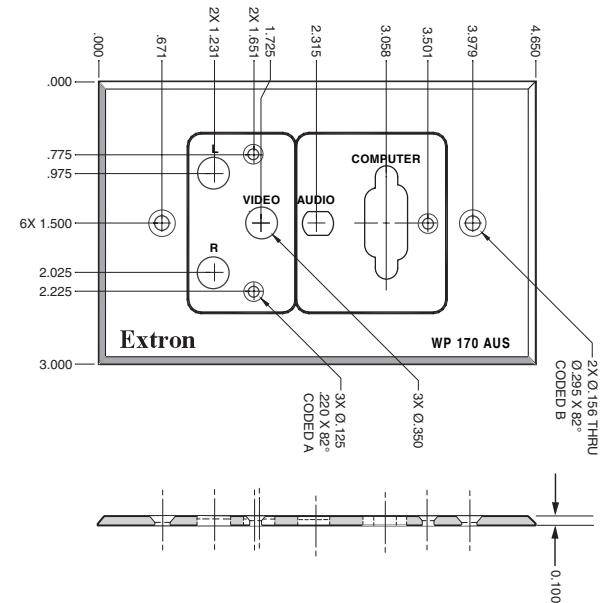
WP 170 dimensions



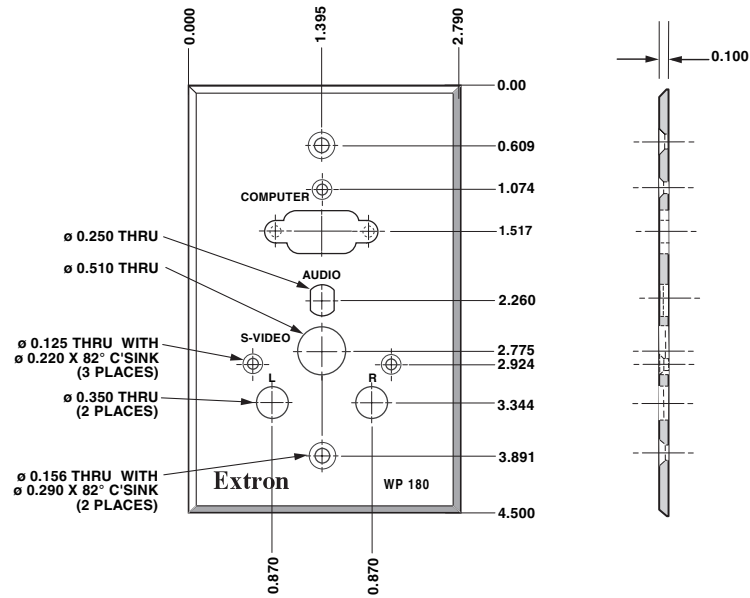
WP 150 AUS dimensions



WP 170 AUS dimensions



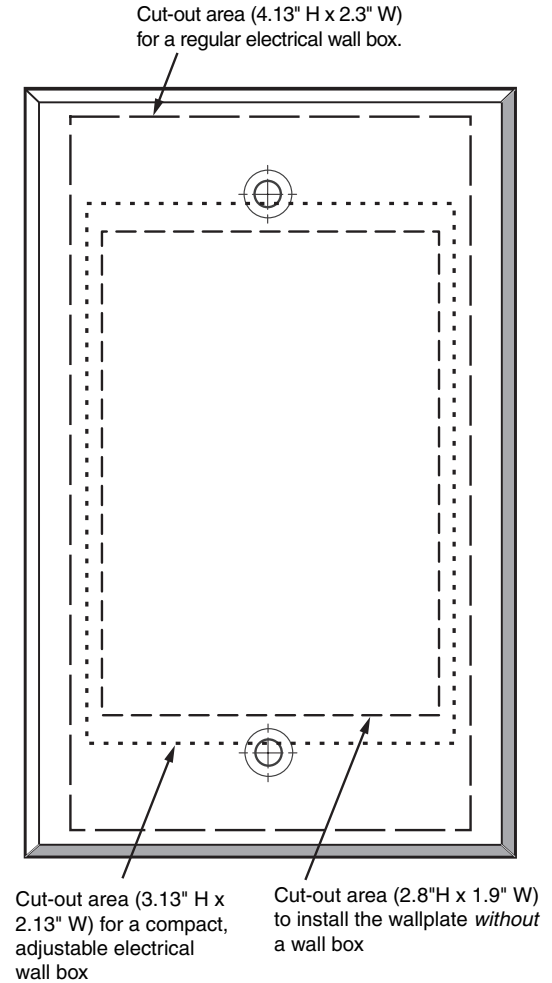
WP 180 dimensions



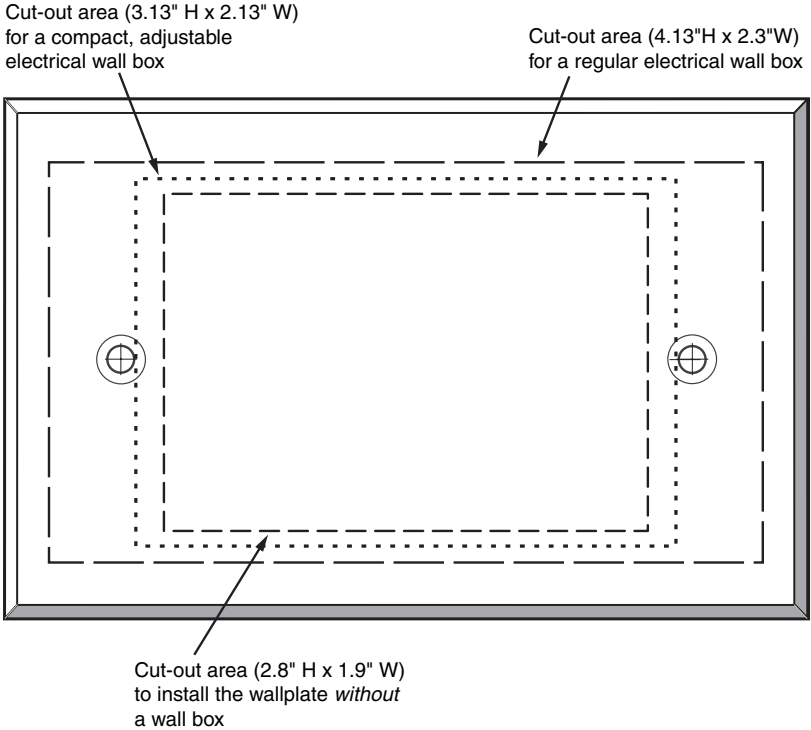
Templates

Use the dimensions in the cut-out templates below as a guide for cutting a hole in the wall or furniture. The templates are not 100% size.

WP Series (1-gang) cut-out template



WP AUS Series (Australian models) cut-out template



This page has been left blank intentionally.

Specifications, Part Numbers, Dimensions, cont'd

This page has been left blank intentionally.