

Installation manual

M Universal IR Extender

EAN: 735002273 3237

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- he הנקתה לירדמ
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- it Manuale di installazione
- jp 取り付け説明書
- kr 설치 설명서
- lt Montavimo instrukcija
- lt Uzstādīšanas rokasgrāmata
- nl Installatie handleiding
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- pl Instrukcja instalacji
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IMPORTANT!

Your Plasma, LCD, TV, Projector, Projector Screen or other HiFi equipment represents a considerable value.

If screws are included they may not be suitable for the material of your wall, ceiling or floor.

Replace the screws with suitable ones if needed.

In case you are unsure regarding any aspects of the mounting of this product please Consult a professional.



إن شاشة البلازما أو LCD أو التلفاز أو جهاز العرض أو شاشة جدار عرض أو أجهزة هاء في الأخرى أجزاء ذات قيمة عالية. يجب التأكد من أن المسامير المستخدمة مناسبة لمادة الجدار أو السقف أو الأرضية.

في حالة عدم اليقين بأي جزئية من جزئيات تركيب هذا المنتج، يرجى استشارة فني متخصص.



VIGTIGT!

Din plasmaskærm, LCD-skærm, tv, projektor, projektorsskærm eller andet HiFi-udstyr repræsenterer en betydelig værdi.

Hvis der medfølger skruer, passer de muligvis ikke til materialet i væggen, loftet eller gulvet.

Udskift skruerne med passende skruer, hvis det er nødvendigt.

Hvis du er tvivl om noget i forbindelse med monteringen af produktet, skal du kontakte en ekspert.



ACHTUNG!

Ihr Plasmam-, LCD-, TV-Gerät, Ihr Projektor, Ihre Leinwand oder sonstige HiFi-Ausrüstung stellt einen beträchtlichen Wert dar.

Die möglicherweise im Lieferumfang enthaltenen Schrauben sind unter Umständen nicht für das Material Ihrer Wände, Decken oder Böden geeignet.

Ersetzen Sie sie bei Bedarf durch geeignete Schrauben.

Wenn Sie bezüglich der Montage des Produkts unsicher sind, wenden Sie sich an einen Fachmann



ΣΗΜΑΝΤΙΚΟ!

Οι τηλεοράσεις Plasma, LCD, οι κανονικές τηλεοράσεις, οι οθόνες προβολικών ή άλλες συσκευές HiFi έχουν μία αξιοσημείωτη αξία.

Αν περιλαμβάνονται βίδες τους να μην είναι κατάλληλες για το υλικό του τοίχου, του τζακιού ή του πατωμένου στρώσης.

Αντικαταστήστε τις βίδες με κατάλληλες αν είναι απαραίτητο.

Στην περίπτωση που δεν είστε σίγουροι για κάποιες ζητήματα σχετικά με την προεπιλογή αυτού του προϊόντος, παρακαλούμε συμβουλευτείτε έναν ειδικό.



IMPORTANT!

Los equipos de plasma o LCD, los televisores, proyectores y pantallas de proyección, así como otros equipos de alta fidelidad suponen una inversión considerable.

Si incluyen tornillos, puede que no sean adecuados para el material del que están formados la pared, el techo o el suelo.

Sustituya estos tornillos por otros más adecuados si es preciso.

Si no está seguro sobre cualquier aspecto del montaje de este producto, consulte a un profesional.



TÄRKEÄÄ!

Plasma- tai nestekidenäyttöjen, televisoiden, projektorien ja niiden valkokankaiden sekä muiden hi-fi-laitteiden arvo on huomattava.

Laiteen mukana toimitettavat ruuvit eivät välttämättä sovellu seinien, katon tai lattian materiaalin.

Korvaa ne tarvittaessa sopivilla ruuveilla.

Mikäli olet epävarma mistä tahansa tämän tuotteen kiinnittämisessä liittyvästä seikasta, ota yhteys asiantuntijaan.



IMPORTANT!

Vos écrans plasma, LCD, télévisions, projecteurs, écrans de projection ou autre matériel Hi Fi ont une valeur considérable.

Les vis fournies peuvent ne pas être compatibles à la nature de vos murs, plafonds et sols.

Remplacez-les par des vis adaptées.

Si vous avez des doutes quant au montage de ce produit, veuillez consulter un professionnel.



IMPORTANT!

I vostri plasma, LCD, TV, proiettori, schermi di proiezione o altri apparecchi Hi-Fi rappresentano un notevole investimento.

Le viti in dotazione potrebbero rivelarsi non adatte per il materiale della parete, del soffitto o del pavimento.

Sostituitele quindi con viti più idonee in caso di necessità.

Nel caso riscontrate problemi nel montaggio di questo prodotto, consultate un tecnico specializzato.



VIKTIG!

Din plasma, LCD, TV, projektor, projektorsskjerm eller annet HiFi-utstyr har betydelig verdi.

Hvis skruer følger med, er det ikke sikkert at de passer til materialet i veggen, taket eller gulvet.

Bytt skruene i skruer som er egnet om nødvendig.

Hvis du er usikker når det gjelder montering av dette produktet, må du kontakte en profesjonell.



UWAGA!

Monitor plazmowy, LCD, telewizor, projektor, ekran projekcyjny lub inny sprzęt HiFi stanowi znaczną wartość.

Jestli dołączono do niego śruby mocujące, mogą one nie być odpowiednie do materiału, z którego wykonane są dane ściany, sufit lub podłoga.

W razie potrzeby należy je zastąpić odpowiednimi śrubami.

W razie jakichkolwiek wątpliwości dotyczących montowania tego urządzenia należy zasięgnąć porady u specjalisty.



ВНИМАНИЕ!

Какие бы оборудованием HiFi вы ни пользовались, будь то плазменный, ЖК или стандартный телевизор, проектор или проекционный экран, все они представляют значительную ценность.

Не всегда крепления, прилагаемые в комплекте, подходят к материалу ваших стен, потолка или пола.

При необходимости замените их на более подходящие.

Если у вас есть какие-либо сомнения относительно того, как крепить данный продукт, пожалуйста, проконсультируйтесь у квалифицированного специалиста.



VIKTIGT!

Din plasmaskärm, LCD-skärm, TV, projektor, projektorsskärm eller annan HiFi-utrustning representerar ett ansenligt värde.

Om skruvar medföljer utrustningen är det inte säkert att de passar för materialet i väggen, taket eller golvet!

Byt ut skruvarna mot lämpliga skruvar om så krävs.

Kontakta en expert om du är osäker på något i samband med monteringen av produkten.



ÖNEMLİ!

Plazma, LCD, TV, Projektor, Projektor Ekranınız veya diğer HiFi cihazınız son derece değerlidir.

Birlikte verilen vidalar duvar, tavan veya duşeme teçhizatınıza uygun olmayabilir.

Gerektiğinde vidaları uygun olanlarla değiştirin.

Bu ürünün monte şekilleri ile ilgili sorularınız olmasi halinde bir uzmandan yardım alın.



重要提示!

您的等离子、LCD、TV、投影仪、投影屏幕或其他 HiFi 设备都有不菲的价值。

如果附带带螺钉，它们可能不适合您的墙壁、天花板或地板。

如果需要，请将螺钉更换为适当的型号。

如果对本产品安装的任何方面有疑问，请咨询专业人员。

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INTRODUCTION

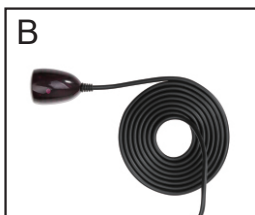
This IR system is a modular based infrared extension system. This system is aimed to be used universally and is suitable for most situations where an IR signal should be extended or used behind closed doors. With this system you can extend the IR (infrared) signals of an IR remote control. It makes sure that all your A/V components receive the commands sent from your existing IR remote controls. IR remote controls. You can keep all your devices behind in closed

cabinets. Simply place the hidden IR repeater box in the cabinet or closet, affix it to the included IR emitters/ IR blasters. Then place a receiver somewhere near your television and the system will let you control numerous individual home theater components using your existing IR remote control.

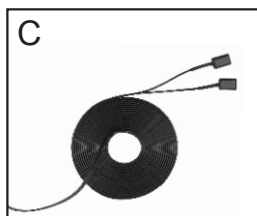
PACKAGE CONTENT



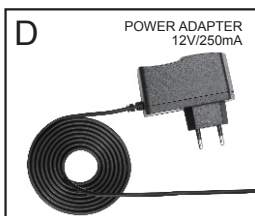
1×IR Repeater Box



1×IR Receiver



4×IR Emitters

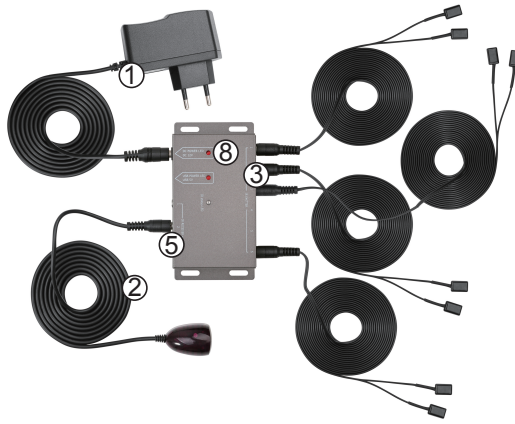


1×Plug-in POWER ADAPTER
12V/250mA

SPECIFICATIONS

IR MODULE BOX:

The IR System Module is the main component that connects IR Receivers, the power adapter and IR Extender Cables to one another. All of the IR Module connections are explained below so that you can get the most out of all of your product.



- ① Power Supply: DC12V/250mA, supplied from connected IR box
- ② IR Input: 1×3.5mm jack connector, for IR Receiver (3 conductor plug).
- ③ IR Emitter Output: 6×3.5mm jack connector, for IR emitter;
- ④ Status : You can send a Power Status signal to the IR module by connecting a Power adapter to this connection(12VDC/250mA) which is switched by the device to be controlled.
- ⑤ Screw Terminal: A maximum of 3 parallel IR Receivers can be connected to this input.
- ⑥ Status Indication: Green LED for system On/Off indication
- ⑦ IR Signal Indication: Blue indication LED
- ⑧ Power Indication: Red indication LED
- ⑨ Dimensions: 55×85×23mm

IR RECEIVER:

Each system needs a minimum of one IR Receiver (maximum of 3). You can use an extra IR Receiver to operate your A/V equipment from another room.

Frequency Range	20-60kHz
Power Indication	±10meters
IR Signal Status Indication	Red LED for system On/Off indication.
	Green LED indicates standby mode.
IR Signal Indication	Blue indication LED
IR Reception Angle	90°(+45°/-45° from center)
IR Receiver Connection	1×1.5mm jack plug (3 conductor plug)
Cable Length	1×2meters
Dimensions	90x55x26mm

ACCESSORY

IR RECEIVER:

Using IR Receiver 20-90 kHz is suitable for most A/V equipment.

IR Emitter:

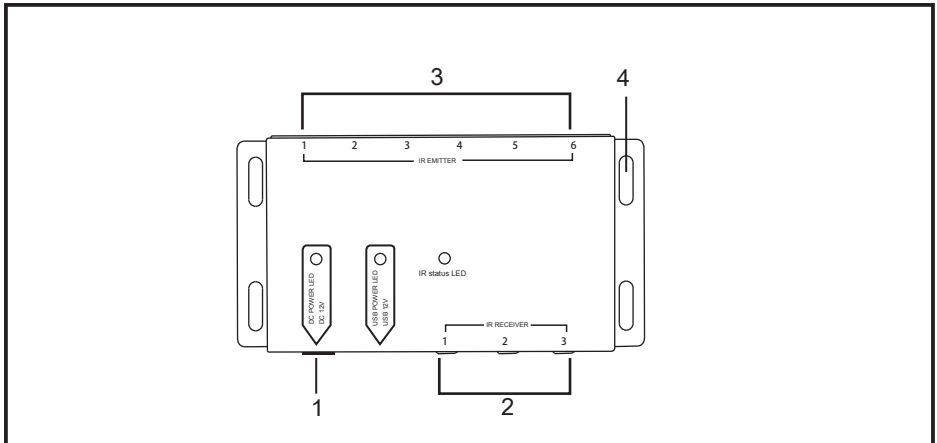
Connection	3.5m jack plug(mono)
IR LEDs	2×IR emitter LEDs
Cable length	2meters
Emitter dimension	22 x16 x 8mm

POWER ADAPTER:

Output: DC12V/250mA

CONNECTION

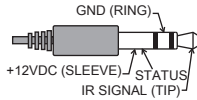
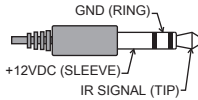
The IR System Module is the main component that connects IR Receivers, the power adapter and IR Extender Cables to one another. All of the IR Module connections are now explained so that you can get the most out of all of the options available.



- 1. STATUS +12VDC:** You can send a Power Status signal to the IR module by connecting a Power adapter to this connection (not supplied; 12VDC/250mA), which is switched by the device to be controlled. This will be switched by the device to be controlled. This will be continuously illuminated if the IR Receiver also has a status LED.

2. IR receiver:

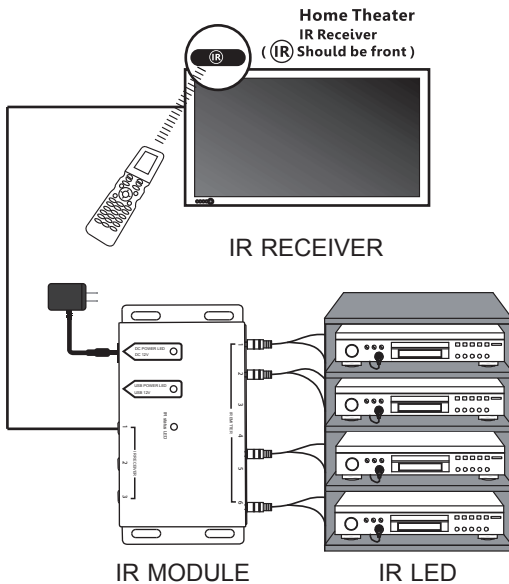
- ① 3Pin 3.5mm jack IR IN ② 4Pin 3.5mm jack IR IN



3. **IR EMITTER:** 3.5mm jack outputs for connecting an IR Extender Cable with 1 or 2 LEDs.

4. **ATTACHMENT HOLES** (mounting material not supplied) .

A. MAIN ROOM APPLICATION



1. Mount the IR Module in an accessible place behind or alongside You're A/V equipment, in the vicinity of a socket (100-240Volt 50/60Hz). Make sure you take the cable length of the Cable into account and try to ensure that the connections remain as accessible as possible.
2. Now connect the IR Receiver to the IR Module, check the correct position and the colours of the wires when doing so.
 - Place the supplied IR receiver in such a way that it is visible for your infrared remote control and if possible not in the vicinity of potential sources of disturbance like direct sun light, TL lighting, energy saving lamps etc. The infrared LED.

indicator on the IR receiver lights up or flashes when it receives an infrared signal. Use the LED indicator to place the IR receiver in the place with the least interference (LED indicator is not activated or only faintly lights up).

- Because of the supplied self-adhesive strip installation is possible almost everywhere. Experiment for the correct place before you fix the IR receiver definitively.
- The adhesive strip can cause discoloration on certain surfaces or leave glue remnants by removal.

3. Connect the power adapter to the 'POWER' connector on the IR Module and plug the adapter into a socket (100-240V 50/60Hz).

TROUBLESHOOTING

BAD (OR NO) INFRARED RETURN SIGNAL

- Check that your set-top box supports IR frequency range provided by the M Universal IR Extenders range.
- Both the built-in and separate IR Receivers have reception sensitivity of around 10 metres with an aperture angle of 90 degrees. Range is also dependent on the remote control used. The IR reception indication LED in the IR Receiver will light up when it receives an IR signal.
- Check whether the power adapter is connected to the IR System Module.
- Ensure that the IR Receiver is are correctly connected and that these are plugged in properly.
- Try to avoid as many sources of disruption as possible, eg. direct sunlight, fluorescent lighting, energy-saving bulbs and similar. These may have a negative impact upon the effectiveness of the system.
- Some IR windows from set-top and satellite boxes are very sensitive and are easily disrupted. These devices then receive too much infrared light and will either work badly or not work at all. Relocate the IR LED so that less infrared light is received via the IR window.

