E-VOL20
Volume Control

Introduction

The APart E-VOL20 is a 100 Volt volume control that can handle up to 20 watt of power.
It is very durable due to the step by step attenuation in 11 steps + zero position.
The volume control is equipped with a 24V priority relais. This way a microphone call will always come through at maximum volume, no matter what position the volume control is in.
The E-VOL20 is build on a universal chassis that can easily be integrated with Gira, Jung and Euro. Different cover plates are available for the UK market.

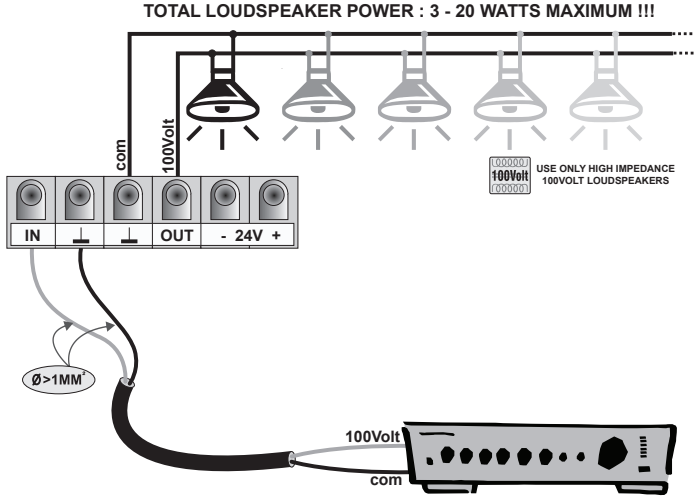
Please avoid

- Please avoid any power overload, measure your speakerlines before connecting.
- In reality, a lot of speakers have much higher load than the value listed in their specification. Our APART speakers are especially engineered within their specification, so no risk for overload when using them !
- Please never apply clipped or overloaded levels from your amplifier to this volume control. It may cause overheating and damage ! Our APART amplifiers are automatically limited to avoid such distorted signals !

Tech. Specifications

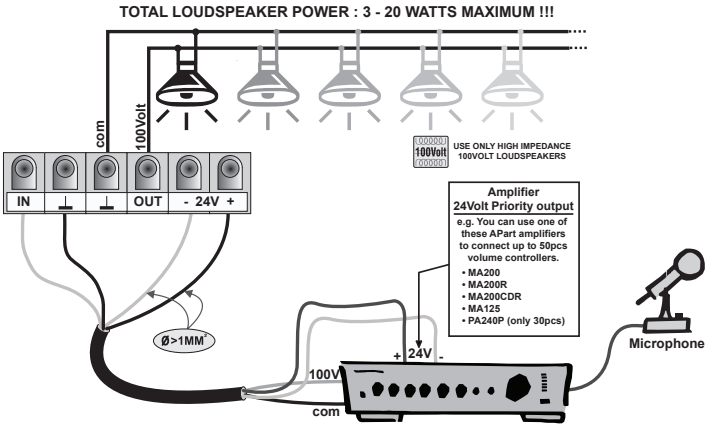
- Type : Euro
- Handling power : 20 watt
- Voltage : 100 Volt
- 24V priority : Yes (20mA)
- Attenuation steps : 11 + "0"
- Build-in box : E-MODIN
- Build-on box : E-MODON
- Dimensions (H x W x D) : 80 x 80 x 70 mm
- Weight : 0.3 Kg
- Colour : white

2-WIRE CONNECTION



E-VOL20
Volume Control

4-WIRE CONNECTION WITH PRIORITY

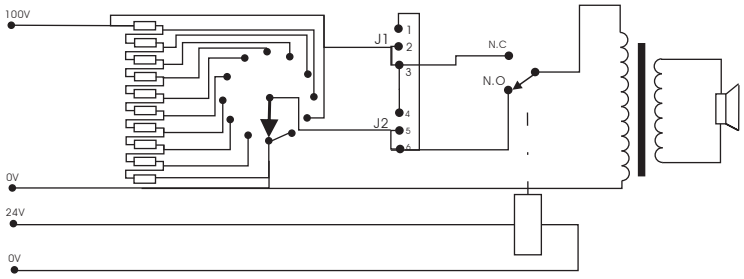


What does a priority system do ?
When the volume controller is turned to 0 there is no background-music. (e.g. meeting room, office)
At this moment if there is a microphone call the information is lost.
With the priority system connected, the volume controller is set to maximum volume during the microphone call.
In this way there is no information lost.

To be able to use a priority system you need the following components :
- Volume controller with priority relay
- Amplifier with 24Volts priority output contact (24Volts / 1A : you can connect up to 50pcs of volume controllers)
- 4-wire cable connection
- Microphone (MICPAT-D)

PRIORITY RELAY SYSTEM

Please note that the volume control can also be used without this priority system or 24 V dc.
The priority system is often used for emergency announcements or to allow the paging come thru at maximum level for a clear understanding.
As a standard, with jumpers set on 2-3 and 5-6, the relay will bypass the volume control to obtain maximum level when 24Vdc is applied.
For special safety emergency applications with inverted operation mode,
the jumpers can be moved to 1-2 and 4-5.
In this case, 24Vdc and thus the relay will always be activated for normal operation with the volume control.
The volume control will be bypassed and set to its maximum as soon as the 24Vdc is cut off.



E-VOL40
Volume Control

Introduction

The APart E-VOL40 is a 100 Volt volume control that can handle up to 40 watt of power.
It is very durable due to the step by step attenuation in 11 steps + zero position.
The volume control is equipped with a 24V priority relais. This way a microphone call will always come through at maximum volume, no matter what position the volume control is in.
The E-VOL40 is build on a universal chassis that can easily be integrated with Gira, Jung and Euro. Different cover plates are available for the UK market.

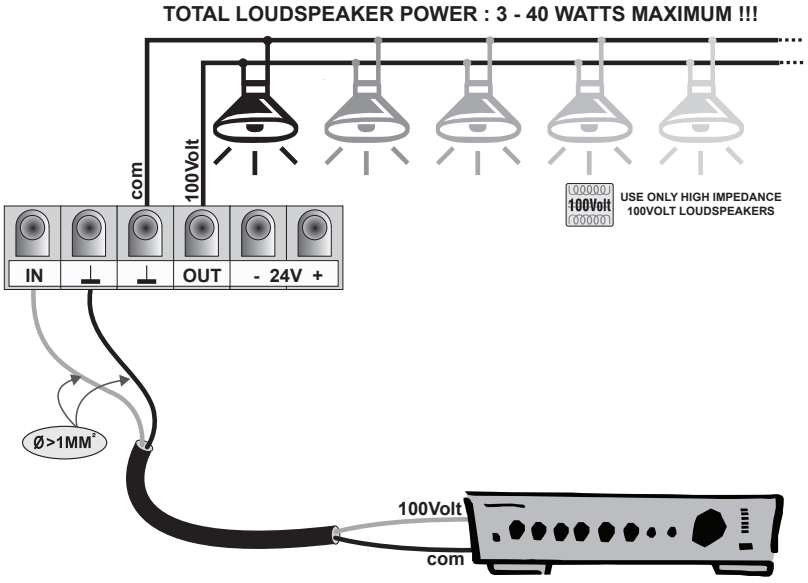
Please avoid

- Please avoid any power overload, measure your speakerlines before connecting.
- In reality, a lot of speakers have much higher load than the value listed in their specification. Our APART speakers are especially engineered within their specification, so no risk for overload when using them !
- Please never apply clipped or overloaded levels from your amplifier to this volume control. It may cause overheating and damage ! Our APART amplifiers are automatically limited to avoid such distorted signals !

Tech. Specifications

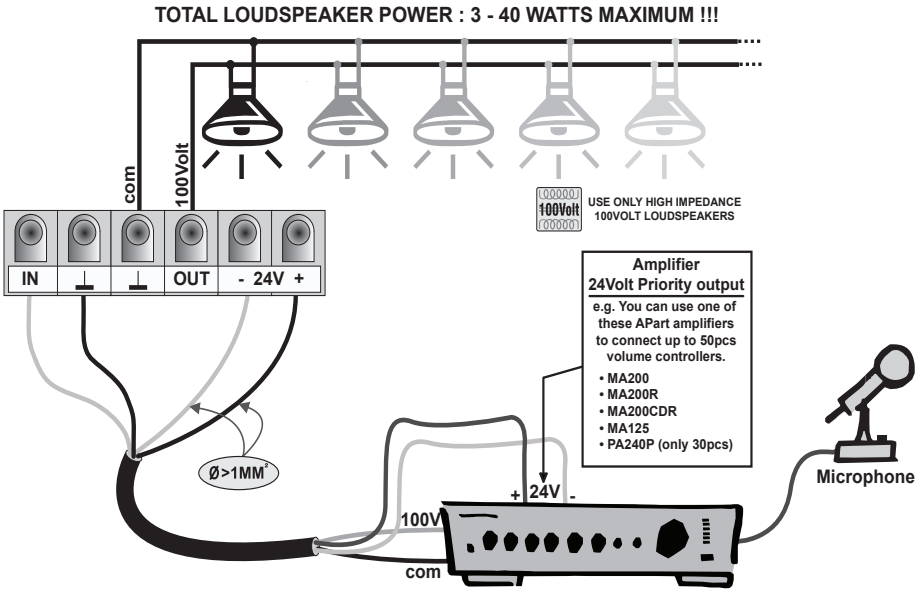
- Type : Euro
- Handling power : 40 watt
- Voltage : 100 Volt
- 24V priority : Yes (20mA)
- Attenuation steps : 11 + "0"
- Build-in box : E-MODIN
- Build-on box : E-MODON
- Dimensions (H x W x D) : 80 x 80 x 70 mm
- Weight : 0.3 Kg
- Colour : white

2-WIRE CONNECTION



E-VOL40
Volume Control

4-WIRE CONNECTION WITH PRIORITY



What does a priority system do ?
When the volume controller is turned to 0 there is no background-music. (e.g. meeting room, office)
At this moment if there is a microphone call the information is lost.
With the priority system connected, the volume controller is set to maximum volume during the microphone call.
In this way there is no information lost.

To be able to use a priority system you need the following components :
- Volume controller with priority relay
- Amplifier with 24Volts priority output contact (24Volts / 1A : you can connect up to 50pcs of volume controllers)
- 4-wire cable connection
- Microphone (MICPAT-D)

Mounting

- Keep the inside of the wallbox clear of all wires, this to prevent short circuits between the wires in the wallbox and the printed circuit of the volume controller.
- Don't use solid copper conductor wires, the screw connectors on the printed circuit board of the volume controller are designed for flexible wires.
- Don't connect more then one wire in each onboard screw connectors of the volume controller.
- Don't use force when mounting the volume controller in the wallbox.

E-VOL60
Volume Control

Introduction

The APart E-VOL60 is a 100 Volt volume control that can handle up to 60 watt of power.
It is very durable due to the step by step attenuation in 11 steps + zero position.
The volume control is equipped with a 24V priority relais. This way a microphone call will always come through at maximum volume, no matter what position the volume control is in.
The E-VOL60 is build on a universal chassis that can easily be integrated with Gira, Jung and Euro. Different cover plates are available for the UK market.

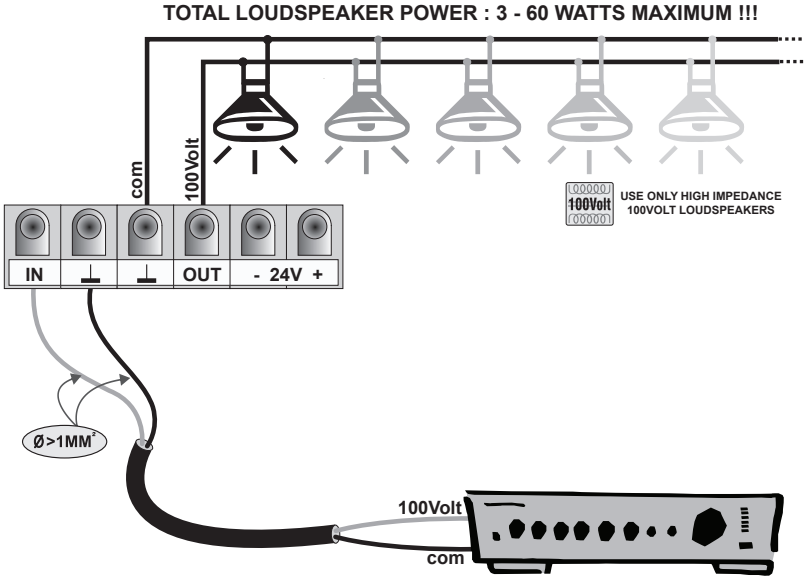
Please avoid

- Please avoid any power overload, measure your speakerlines before connecting.
- In reality, a lot of speakers have much higher load than the value listed in their specification. Our APART speakers are especially engineered within their specification, so no risk for overload when using them !
- Please never apply clipped or overloaded levels from your amplifier to this volume control. It may cause overheating and damage ! Our APART amplifiers are automatically limited to avoid such distorted signals !

Tech. Specifications

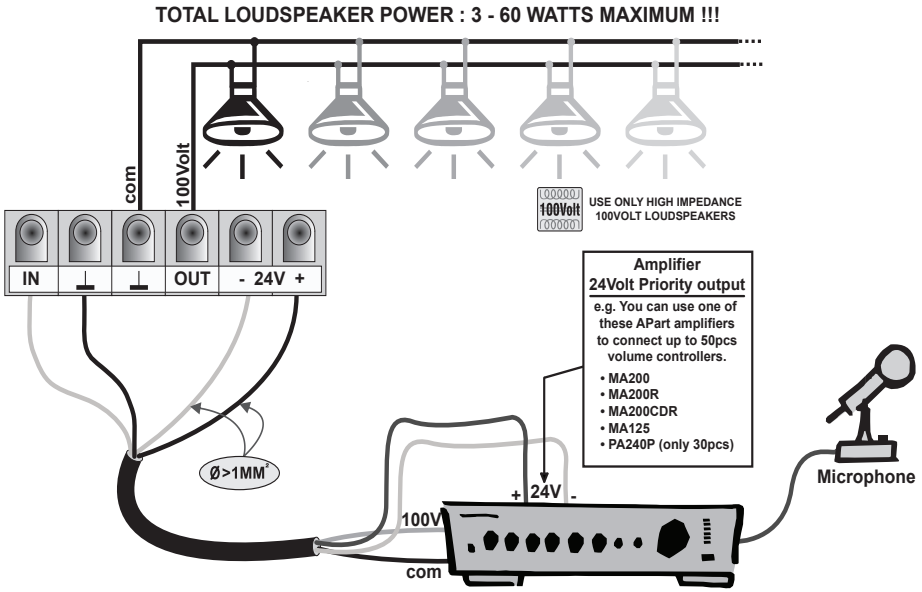
- Type : Euro
- Handling power : 60 watt
- Voltage : 100 Volt
- 24V priority : Yes (20mA)
- Attenuation steps : 11 + "0"
- Build-in box : E-MODIN
- Build-on box : E-MODON
- Dimensions (H x W x D) : 80 x 80 x 70 mm
- Weight : 0.3 Kg
- Colour : white

2-WIRE CONNECTION



E-VOL60
Volume Control

4-WIRE CONNECTION WITH PRIORITY



What does a priority system do ?
When the volume controller is turned to 0 there is no background-music. (e.g. meeting room, office)
At this moment if there is a microphone call the information is lost.
With the priority system connected, the volume controller is set to maximum volume during the microphone call.
In this way there is no information lost.

To be able to use a priority system you need the following components :
- Volume controller with priority relay (E-VOL60,E-VOL120)
- Amplifier with 24Volts priority output contact (24Volts / 1A : you can connect up to 60pcs of volume controllers)
- 4-wire cable connection
- Microphone (MICPAT-D)

Mounting

- Keep the inside of the wallbox clear of all wires, this to prevent short circuits between the wires in the wallbox and the printed circuit of the volume controller.
- Don't use solid copper conductor wires, the screw connectors on the printed circuit board of the volume controller are designed for flexible wires.
- Don't connect more then one wire in each onboard screw connectors of the volume controller.
- Don't use force when mounting the volume controller in the wallbox.

E-VOL120
Volume Control

Introduction

The APart E-VOL120 is a 100 Volt volume control that can handle up to 120 watt of power.
It is very durable due to the step by step attenuation in 11 steps + zero position.
The volume control is equipped with a 24V priority relais. This way a microphone call will always come through at maximum volume, no matter what position the volume control is in.
The E-VOL120 is build on a universal chassis that can easily be integrated with Gira, Jung and Euro. Different cover plates are available for the UK market.

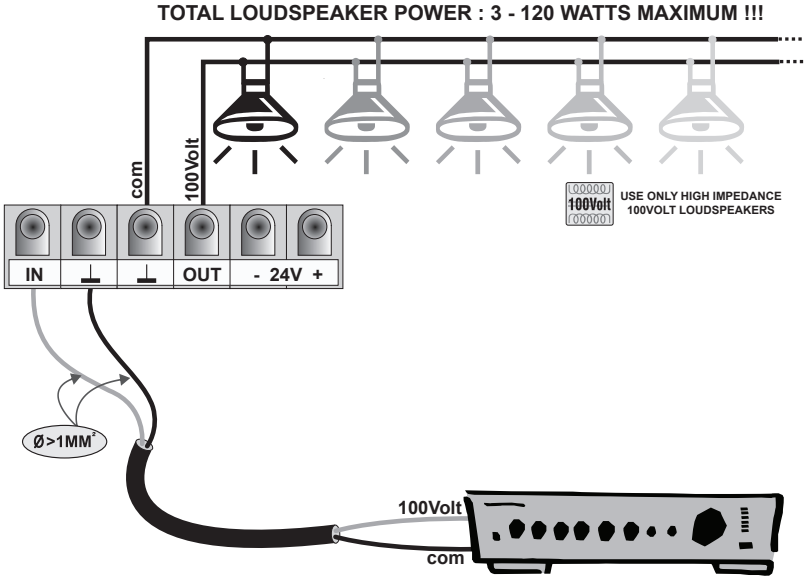
Please avoid

- Please avoid any power overload, measure your speakerlines before connecting.
- In reality, a lot of speakers have much higher load than the value listed in their specification. Our APART speakers are especially engineered within their specification, so no risk for overload when using them !
- Please never apply clipped or overloaded levels from your amplifier to this volume control. It may cause overheating and damage ! Our APART amplifiers are automatically limited to avoid such distorted signals !

Tech. Specifications

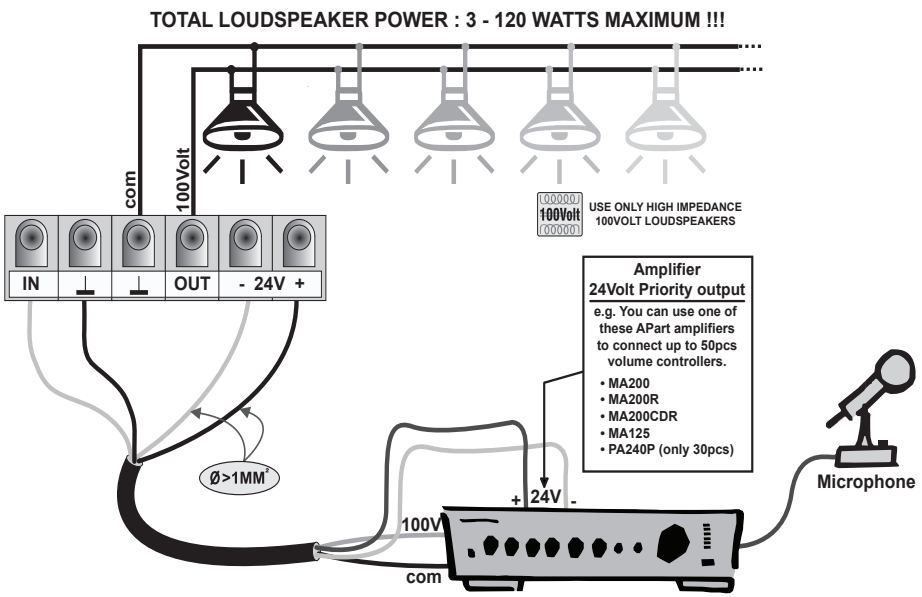
- Type : Euro
- Handling power : 120 watt
- Voltage : 100 Volt
- 24V priority : Yes (20mA)
- Attenuation steps : 11 + "0"
- Build-on box : E-MODON
- Dimensions (H x W x D) : 80 x 80 x 70 mm
- Weight : 0.3 Kg
- Colour : white

2-WIRE CONNECTION



E-VOL120
Volume Control

4-WIRE CONNECTION WITH PRIORITY



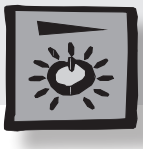
What does a priority system do ?
When the volume controller is turned to 0 there is no background-music. (e.g. meeting room, office)
At this moment if there is a microphone call the information is lost.
With the priority system connected, the volume controller is set to maximum volume during the microphone call.
In this way there is no information lost.

To be able to use a priority system you need the following components :
- Volume controller with priority relay
- Amplifier with 24Volts priority output contact (24Volts / 1A : you can connect up to 50pcs of volume controllers)
- 4-wire cable connection
- Microphone (MICPAT-D)

Mounting

- Keep the inside of the wallbox clear of all wires, this to prevent short circuits between the wires in the wallbox and the printed circuit of the volume controller.
- Don't use solid copper conductor wires, the screw connectors on the printed circuit board of the volume controller are designed for flexible wires.
- Don't connect more then one wire in each onboard screw connectors of the volume controller.
- Don't use force when mounting the volume controller in a wallbox.

E-VOLST
Volume Control



Introduction

The APart E-VOLST is a stereo volume control that can handle up to 2 x 40 watt in 4 ohm.
It can be used with a standard HiFi amplifier to adjust the loudspeaker volume. It is very durable due to the step by step attenuation in 10 steps.
The E-VOLST is build on a universal chassis that can easily be integrated with Gira, Jung and Euro.
Different cover plates are available for the UK market.

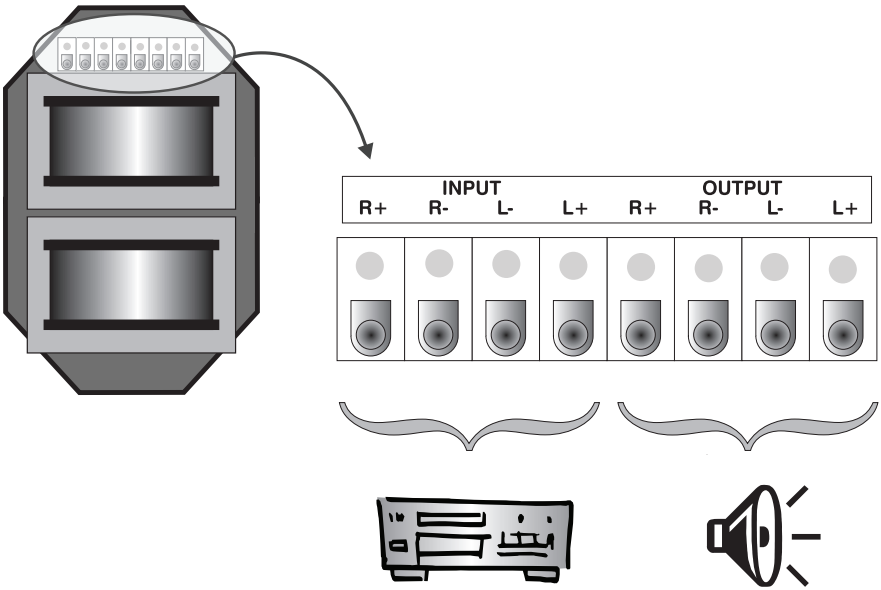
Tech. Specifications

- Type : Euro
- Handling power : 2 x 40 watt
- Impedance : Minimum 2 x 4 Ohm
- 24V priority : No
- Attenuation steps : 10
- Build-on box : E-2MODON
- Build-in box : NA
- Dimensions (H x W x D) : 80 x 80 x 76 mm
- Weight : 0.32 Kg
- Colour : white

Mounting

- Keep the inside of the wallbox clear of all wires, this to prevent short circuits between the wires in the wallbox and the printed circuit of the volume controller.
- Don't use solid copper conductor wires, the screw connectors on the printed circuit board of the volume controller are designed for flexible wires.
- Don't connect more then one wire in each onboard screw connectors of the volume controller.
- Don't use force when mounting the volume controller in the wallbox.

E-VOLST
Volume Control



• MAX MUSIC POWER 40 WATT
• IMPEDANCE : 4-20 OHM

Do not connect a loudspeaker with an impedance lower than 4 ohm, this can permanently damage the unit