ICARUS _STAND-ALONE

ARCHI-TETTURA SONORA

27cm
10.62"

166,1cm
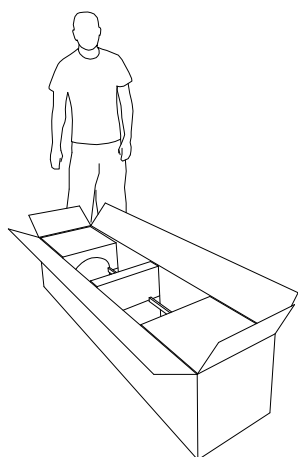65.39"

∅27cm
10.62"
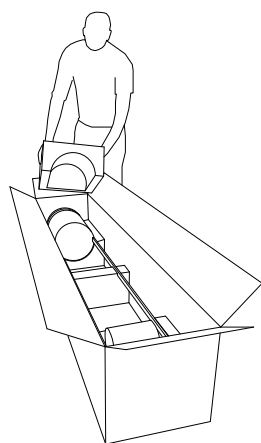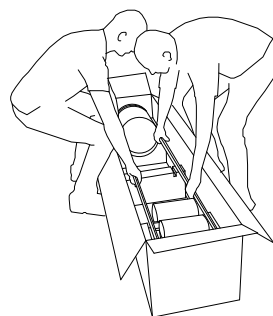
∅11,9cm
4.68"

34,6cm
13.62"

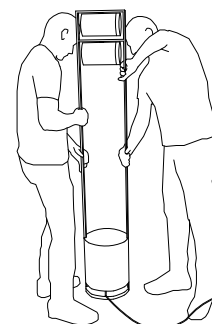## Unpacking: to remove Icarus from the shipping box carefully follow these steps

1.
Icarus is shipped in a box secured with packing foam; due to its size and weight it must always be handled by two people.

2.
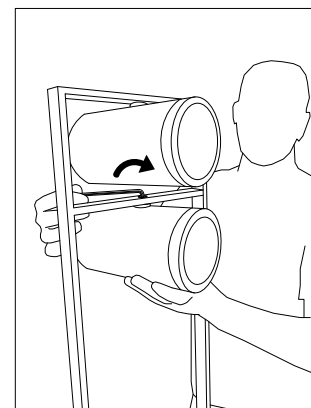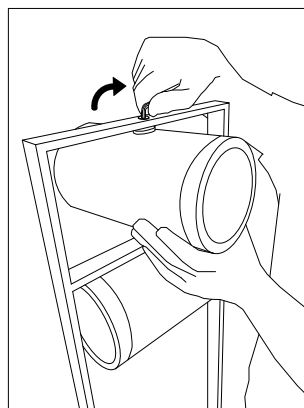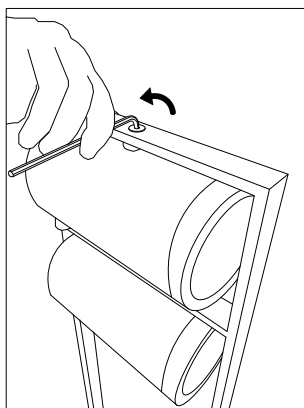Remove the upper part of the foam packing protecting the module inside the box, to release it.

3.
Holding the metal frame firmly gently pull the Icarus out of the box. As already mentioned it requires two people.

4.
Turn the module and place into position, ready for set-up and installation.

Set up: after unpacking Icarus proceed

with the orientation of the two satellites. Using the supplied Allen wrench, unscrew the joint that connects the satellite to the frame, orient it in the desired position according to the acoustic requirements and tighten it again so that to keep the satellite in the desired position. Repeat the same operation for both satellites.

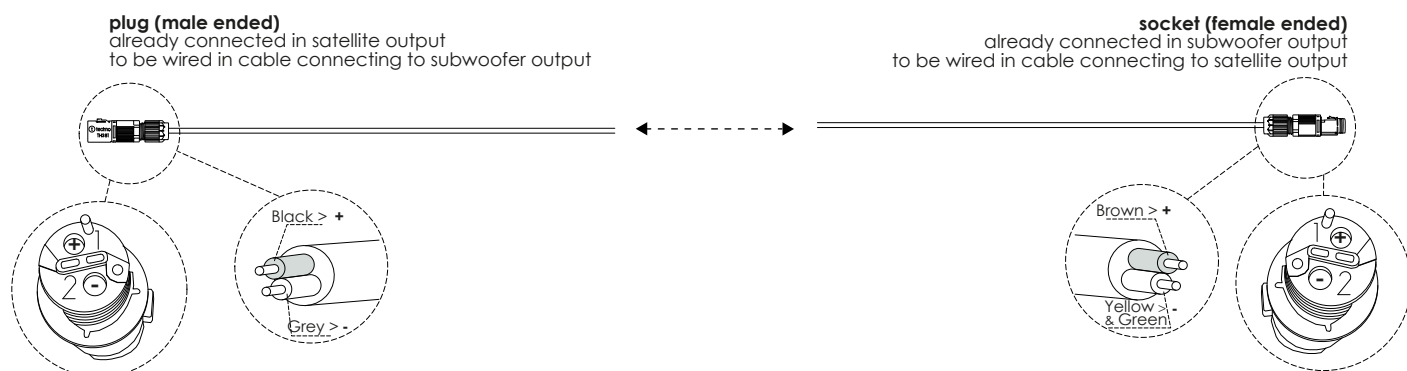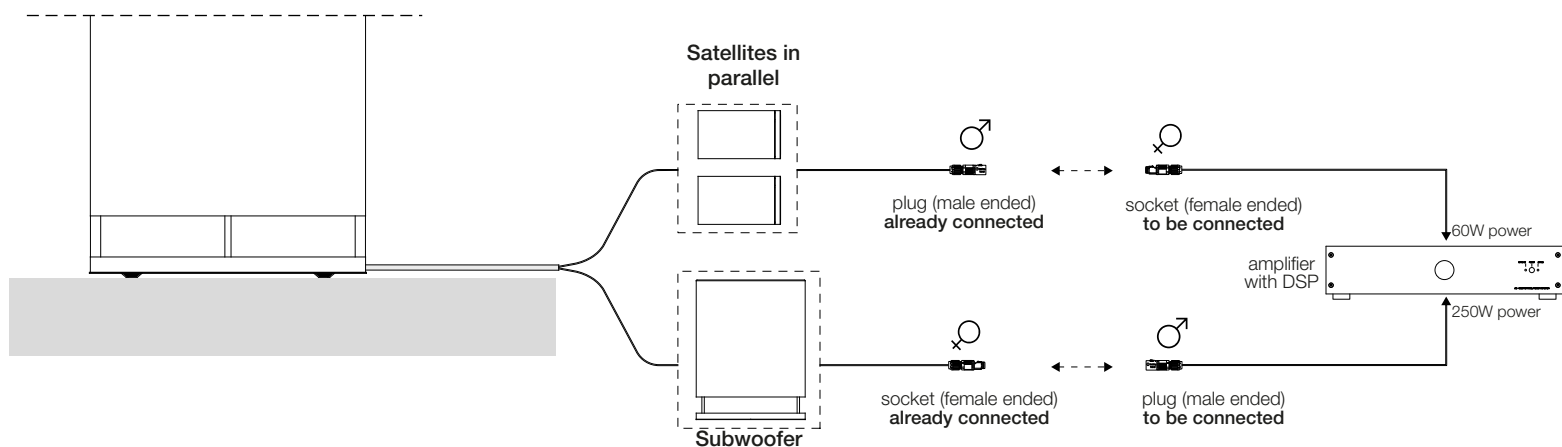Keep the supplied Allen wrench in a safe place for future use.

Acoustic connectivity & settings: the Icarus stand-alone necessarily **requires a two channels amplifier equipped with DSP on board**: one for satellites and the other for the subwoofer. For everything concerning the regulation of the DSP, please refer to the website www.architetturasonora.com or to your specialized dealer.

Cabling:
Icarus is shipped from the factory with two sets of high performance plug/socket connectors (IP68, IP69K) already attached. Since the Icarus output cable manages both the satellites and the subwoofer, at a certain point the cable splits and you will therefore find two outputs, one for the satellites, and one for the subwoofer.

To make it easier to identify the cables and avoid possible mistakes, the satellite output cable is connected to a male endend connector (plug), while the sub output cable is connected to a female endend connector (socket).
You will have to connect a plug (male endend) and a socket (female ended) to your cables going to the amplifier and connect them to their respective connector coming out from Icarus.
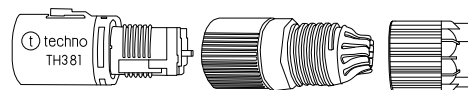
Satellites in parallel

plug (male ended)
already connected

socket (female ended)
to be connected

socket (female ended)
already connected

plug (male ended)
to be connected

Subwoofer

amplifier with DSP

60W power

250W power

plug (male ended)
already connected in satellite output
to be wired in cable connecting to subwoofer output

socket (female ended)
already connected in subwoofer output
to be wired in cable connecting to satellite output

Black > +

Grey > -

Brown > +

Yellow > & Green -

Please note that in the version with Crossover, the male plug is supplied already wired: (black/brown > + ; grey/yellow green > -)

Please keep to the following instruction to connect the socket or plug to your cable:
- disassemble the socket/plug as in the image below:
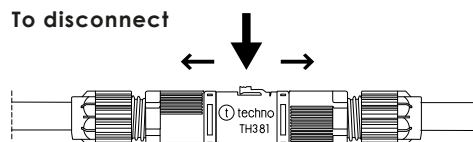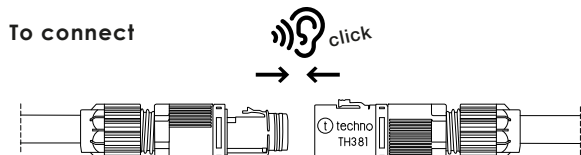
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Disassembled socket (female ended)

Disassembled plug (male ended)

- connect the positive wire (+) into the hole labelled 1 (take the little pin next to the hole as a reference).
- connect the negative wire (-) into the hole labelled 2.

Quick push-pull connection and disconnection:

To connect

click

To disconnect

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1. Push the plug connector into the socket connector untill fully seated
2. A noise is the proof of correct matching
3. Apply gentle traction between plug and socket to ensure they are well hooked
4. To disconnect simply press the release button and pull.

Maintenance and care:
to keep your speakers beautiful as long as possible, we warmly recommend doing maintenance at least once a year. When not in use, sound modules should be appropriately covered or stored away; heavy duty protective covers are available from AS.
Please refer to the General Manual for appropriate instructions and note that any departure from our recommendations on care and cleaning, or any evidence of misuse or damages from ordinary wear and tear, will void all warranty claims.

ICARUS ("Stand Alone" version) WITH CROSSOVER ON BOARD

If you have purchased the Icarus version with Crossover on board, follow the original Unpacking and SetUp instructions, but refer to the following instructions for Connectivity and Cabling

Acoustic connectivity & settings: The Icarus S.A. with Crossover is supplied with a bipolar cable output as it requires to be driven only by one-channel amplifier with at least 200W (see attached tech specs)

Cabling: The cable output is equipped with IP68 connectors (male and female ending). Please refer to the following instructions to handle that.
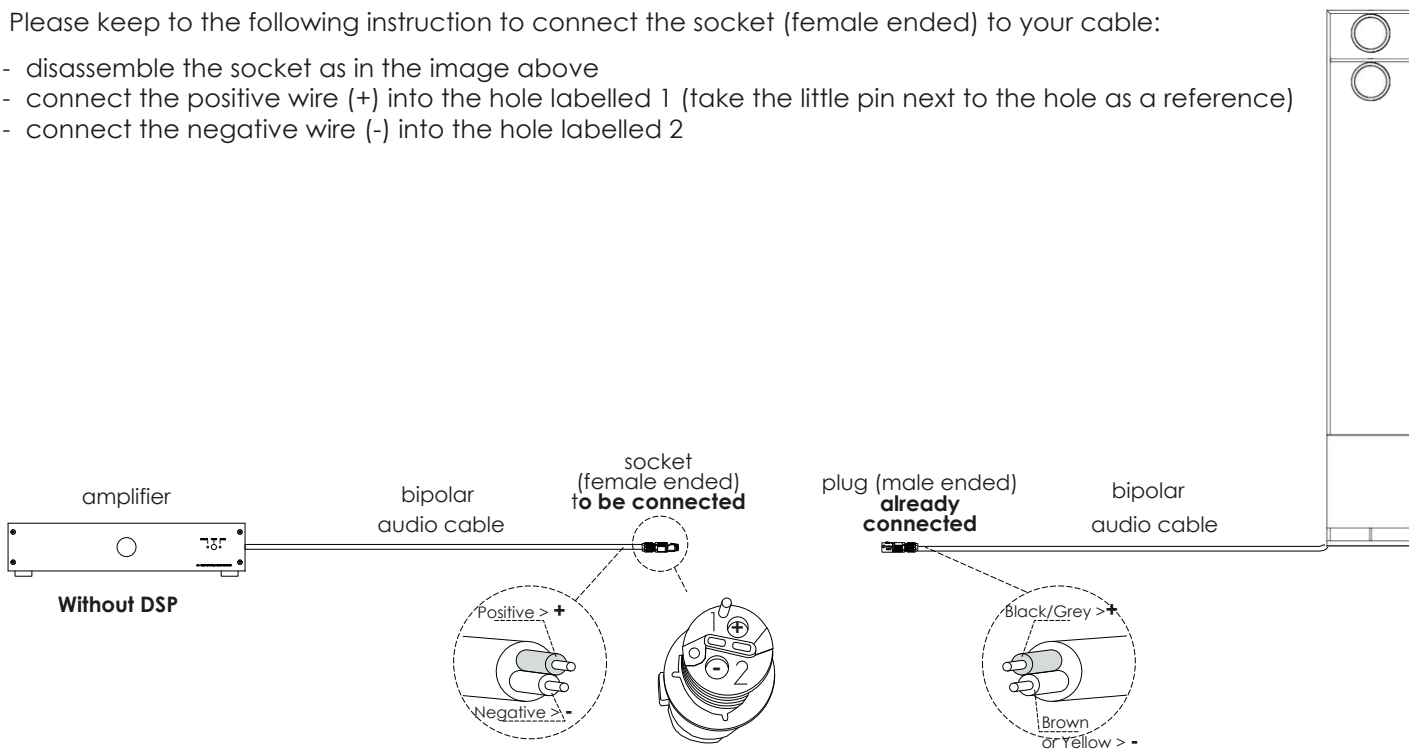
Output cable: all Icarus models are shipped from the factory with a high performance plug/socket connector (IP68, IP69K) already attached. The plug (male endend) is connected to the bipolar cable of the sound module and the socket (female ended) will have to be connected to the cable going to the amplifier during final installation.

Disassembled socket (female ended)

Please keep to the following instruction to connect the socket (female ended) to your cable:

- disassemble the socket as in the image above
- connect the positive wire (+) into the hole labelled 1 (take the little pin next to the hole as a reference)
- connect the negative wire (-) into the hole labelled 2

amplifier

Without DSP

bipolar audio cable

socket
(female ended)
t**o be connected**

Positive > **+**

Negative > **-**

plug (male ended)
already connected

bipolar audio cable

Black/Grey > **+**

Brown
or Yellow > **-**

Quick push-pull connection and disconnection:

To connect   click

To disconnect

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techno TH381

1. . Push the plug connector into the socket connector untill fully seat
2. . A noise is the proof of correct matchi
3. . Apply gentle traction between plug and socket to ensure they are well hook
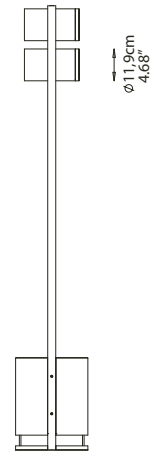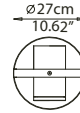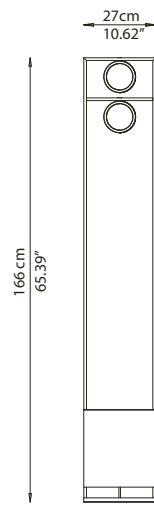4. . To disconnect simply press the release button and pul

ARCHI-
TETTURA
SONORA

ICARUS
_STAND-ALONE
Giulia Archimede, 2018

Dimensions:
166h x 27⌀ cm
(65.39h x 10.62⌀ inches)

Weight:
24kg
(53 pounds)

27cm
10.62"

166 cm
65.39"

34,6cm
13.62"

⌀27cm
10.62"

⌀11,9cm
4.68"

	Passive without crossover	Crossover on board
Version	Passive without crossover	Crossover on board
Speaker Type:	2 x 3,5" Wide Band 8" Woofer	2 x 3,5" Wide Band 8" Woofer
Nominal Impedence:	4Ω satellite 4Ω subwoofer	4Ω
Crossover:	recomended DSP settings: SUB: HP=35 Hz; 12 dB/oct LP=120 Hz; 12 dB/oct SAT: HP=150 Hz; 12 dB/oct	2 ways on board
Frequency Range:	40-20.000Hz (-6dB) (recommended DSP setting)	40-20.000Hz (-6dB)
Sensitivity (1W - 1m)	87 dB	87 dB
Speaker Peak Power	70W satellite 400W subwoofer	400W
Speaker RMS Power	50W satellite 200W subwoofer	200W
Lighting Mood	N/A	N/A
High-z on Board	Optional (Voltage 70-100 V Power 30-60 W)	Optional (Voltage 70-100 V Power 30-60 W)
Body Materials	Concrete (gray, black, white, red) Marble, travertine and alterntive stones	Concrete (gray, black, white, red) Marble, travertine and alterntive stones
Metal Components Materials	Stainless steel 304 (polished, satin, painted matt black) Stainless steel 316L, Oxidized Brass	Stainless steel 304 (polished, satin, painted matt black) Stainless steel 316L, Oxidized Brass