SH100AP
User Manual

Version 1.1
Sep 5th 2018
SIMiONIC
Important Notice

Thank you for choosing SIMiONIC product. This SH100AP is a duplication of the audio panel used in Garmin G1000. To make it work, you need and must have at least one SHB1000, a duplication of G1000 bezel and the corresponding software. All the hardware and software mentioned above are products from SIMiONIC. Please refer to our website of more details: http://www.simionic.net

The functionality of this SH100AP relies totally on the software. At the time of we are releasing this manual, there is no reversionary (backup) mode implemented in the software.
Unpacking

SH100AP

Bracket (2 parts)

Hex keys 2.0mm & 2.5mm

Clamp x 2

USB cable

M3 x 6mm hex socket button head screw x 4

M3 x 16mm hex socket screw x 4

M3 x 8mm hex socket screw x 4

10 pin data cable
Connections

1. Connect the SH100AP(audio panel) to the SHB1000(G1000 bezel) using the 10 pin data cable. Bigger(2.54mm pitch) plug to SHB1000, smaller(2mm pitch) plug to SH100AP. You can connect it to the bezel used as either PFD or MFD.
2. Plug USB power cable into the USB port to power up the audio panel. An USB power adapter with at least 500mA capability is required.
Mounting (to a cockpit panel)

1. Cut the mounting plane (cockpit panel) according to the cutout diagram.
2. Insert the audio panel throw the mounting plane from the font side. Install the 2 clamps to the back of the audio panel using M3x8mm hex socket screws.
3. Secure the audio panel by screwing 4 M3x16mm hex socket screws to the outer sides of the clamps until they are pushing the mounting plane. Do not let the screws push the mounting plane too hard.
Mounting (to the bracket)

1. Assemble the brackets to the bezel stand(s) using the screws and nuts came with the bezel.
2. Mount the audio panel to the brackets using 4 M3x6mm hex socket button head screws.
Limited Warranty

1. The product is covered by a 1 year limited warranty from the date of purchase, against any defects in materials or workmanship.

2. This limited warranty does not cover any damage, deterioration or malfunction resulting from any improper use.

3. We will repair the product using either new or refurbished replacement parts.

4. To obtain warranty service, you must first contact us to determine the problem and the most appropriate solution for you.

5. Shipping costs for products returned for warranty are never included in the warranty. Shipping towards us as well as shipping from us towards the client shall be paid by the client. We may require pre-payment of return shipping costs in advanced by bank prepayment or other type of payment.

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