SUNIT
Bridge for Demanding Duties

SUNIT
Voice-Router
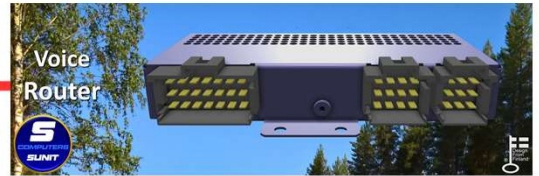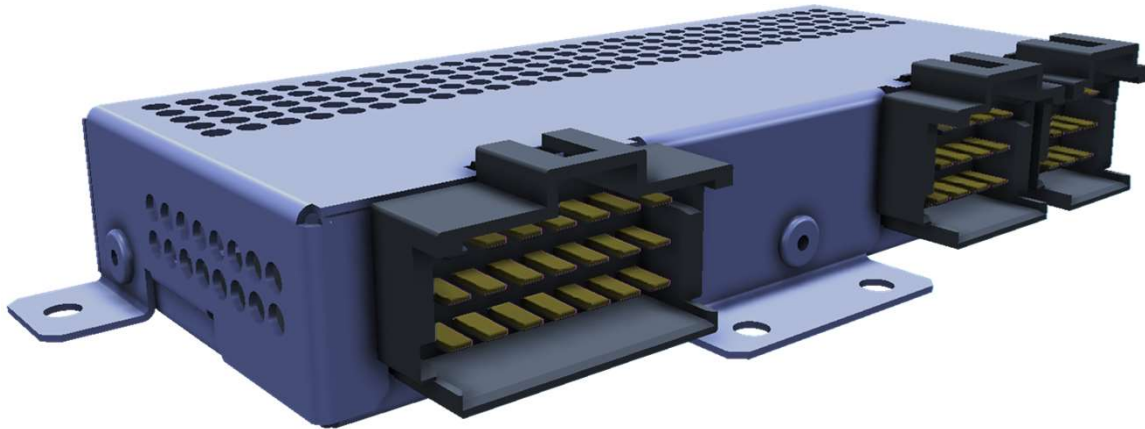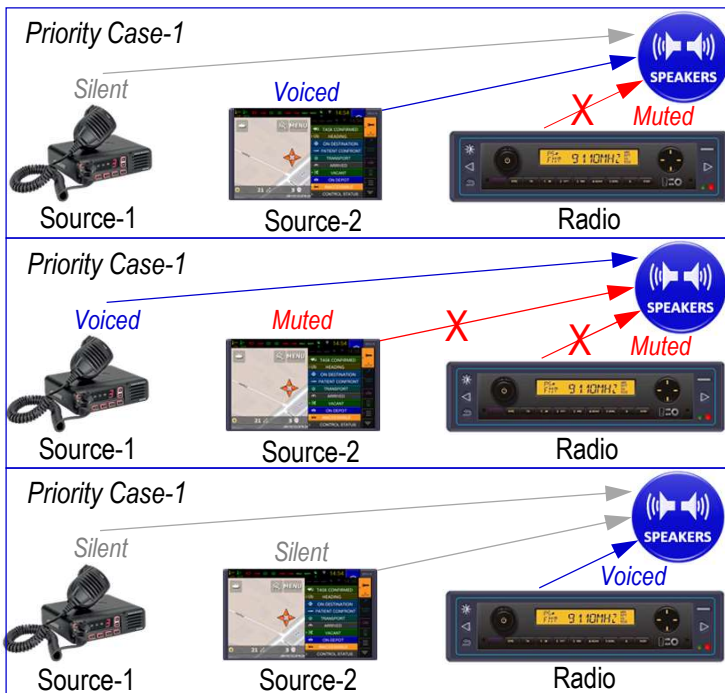
Voice Router

3-CHANNEL VOICE PRIORITIZER

- Self-Powered 9V … 36V
- Conformal-coated Electronics
- Strain-reliefs for Harnesses

- For Harsh Conditions
- Impact-resist Casing: PC/ABS – C2950 V0+UV
- 80 x 160 x 40 mm

PRIORITIZE SOUNDS IN ORDER OF IMPORTANCE

Sunit Voice Router prioritizes the voice between 3 Stereo Voice-sources to the Speakers.
The Voice-channels are prioritized and sets MUTE of Lower-prioritized Channels when the Higher-prioritized Channel activates.

Priority Case-1

Silent — Source-1
Voiced — Source-2
Muted — Radio
SPEAKERS

Priority Case-1

Voiced — Source-1
Muted — Source-2
Muted — Radio
SPEAKERS

Priority Case-1

Silent — Source-1
Silent — Source-2
Voiced — Radio
SPEAKERS

Voice Router can be connected on car original radio speakers lines and mutes the radio and opens the channels for activated Audio-source.

The figures shows as an illustration of controlling various voice-core.

QUALITY
ECE 10R-05 0020
E17
CE FC
ISO 9001
BUREAU VERITAS
Certification
N° FIHSK10299467A

SUNIT
Bridge for Demanding Duties

SUNIT
Voice-Router

3-CHANNEL VOICE PRIORITIZER

Voice Router

PRIORITIZE SOUNDS IN ORDER OF IMPORTANCE

Radio + MUTE

Sources 1 & 2 incl. MUTE

Speakers
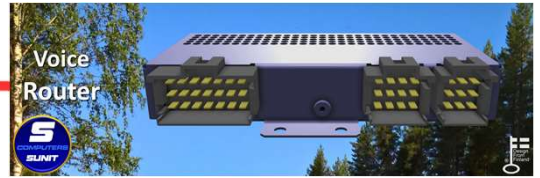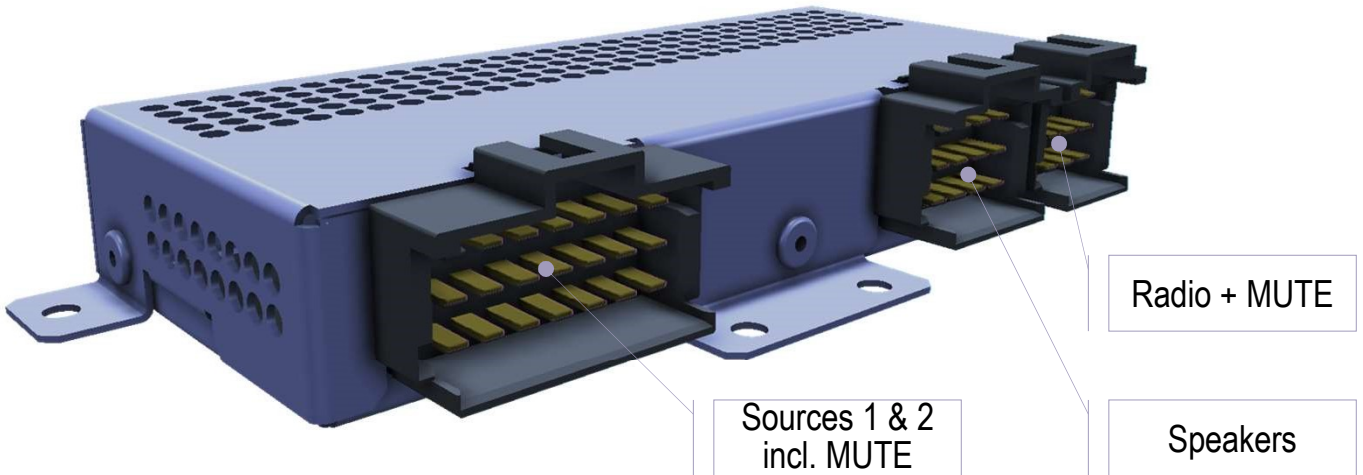
Connector: 21pin MCP *(Source-In, Source-Mute, Power)*

PIN Function
1 Source 1 Front Left **+** (Audio from Source-1)
2 Source 1 Front Left **–** (Audio from Source-1)
3 Source 1 Front Right **+** (Audio from Source-1)
4 Source 1 Front Right **–** (Audio from Source-1)
5 Source 1 Rear Left **+** (Audio from Source-1)
6 Source 1 Rear Left **–** (Audio from Source-1)
7 Source 1 Rear Right **+** (Audio from Source-1)
8 Source 1 Rear Right **–** (Audio from Source-1)
9 Mute from Source 1 (Mute-1 input "Low Active")
10 Not connected
11 Source 2 Front Left **+** (Audio from Source-2)
12 Source 2 Front Left **–** (Audio from Source-2)
13 Source 2 Front Right **+** (Audio from Source-2)
14 Source 2 Front Right **–** (Audio from Source-2)
15 Source 2 Rear Left **+** (Audio from Source-2)
16 Source 2 Rear Left **–** (Audio from Source-2)
17 Source 2 Rear Right **+** (Audio from Source-2)
18 Source 2 Rear Right **–** (Audio from Source-2)
19 Mute from Source 2 (Mute-2 input "High Active")
20 GND
21 POWER-IN

Connector 12 pin MCP
(Speake-Line Out, EXT Mute-In)

PIN Function
1 Speaker Front Left **+** (Audio to Speaker)
2 Speaker Front Left **–** (Audio to Speaker)
3 Not Connected
4 Speaker Front Right **+** (Audio to Speaker)
5 Speaker Front Right **–** (Audio to Speaker)
6 Not Connected
7 Speaker Rear Left **+** (Audio to Speaker)
8 Speaker Rear Left **–** (Audio to Speaker)
9 Not Connected
10 Speaker Rear Right **+** (Audio to Speaker)
11 Speaker Rear Right **–** (Audio to Speaker)
12 MUTE_IN_EXT (Low Active to Radio)

Connector 9 pin MCP
(Speake-Line In, Mute-Out)

PIN Function
1 Radio Front Right **–** (Audio from Radio)
2 Radio Front Left **+** (Audio from Radio)
3 Radio Front Left **–** (Audio from Radio)
4 Radio Front Right **+** (Audio from Radio)
5 Radio Rear Left **–** (Audio from Radio)
6 MUTE_OUT
   "Low Active"
7 Radio Rear Left **+**
8 Radio Rear Right **+**
9 Radio Rear Right **–**

Mission Critical | In-Service Vehicles | Heavy Transport | Public Service | Machinery & C.E. | Terminal Service | Marine Service | Rail Road | Industry Process | Aviation Service