

PHITS is a kit developed by **Phonema** to improve the communication speakers. Thanks to the combination of different densities materials, a more rigid box is achieved and reverberation is eliminated in more than 47 dB. The result is a pure, clear and more intelligible sound.

PHITS installs easily, without modifying the original speaker. The acoustic panels perfectly fit inside the speaker.

Specifications

Phits I38 is a new model designed for the Icom speaker SP38.

All plates have been modified with the combination of Esvacel HD1000 and Esvapur AG150. The Basotect foam by Basf was added to offer a better result.

In addition, due to the particular design of the SP38, the implementation of Phits must be made replacing the driver by the GPH-I38.

| Material | Thick | Description |
|------------------|-------|---|
| Esvacel HD1000 | 6 mm | With a density of 1000 kg/m ³ , this material increases the consistency of the box and block the bass to 300 Hz. |
| Esvapur AG150 | 10 mm | It is an agglomerate of different foams that absorbs frequencies between 100 and 4000 Hz. It avoids the resonance of the table. |
| Basotect by Basf | 50 mm | This cellular foam eliminates internal resonances and absorbs the frequencies between 2 and 10 kHz. |
| GPH-I38 | | Max Power: 8 W Frequency Response: 120-20000 Hz Sensitivity: 86 dB Impedance: 8 Ohms Protection: IP65 |



Components

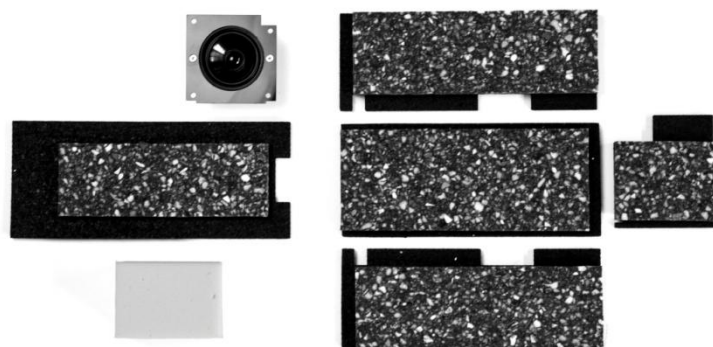
- Plates: Esvacel HD1000 + Esvapur AG150.
- Cube: Basotect by Basf.
- Driver: Gamma Phits GPH-I38.

Benefits

The absence of acoustic criteria in the development of the SP38 speaker gets resolved with **Phits I38**. Its set up can be done in a few minutes and only a screwdriver is required. The process is fully reversible since no glue is used at all.

| Speaker's improvements |
|----------------------------------|
| Improve the acoustic tightness |
| Reduce the internal reverb |
| Increase the mass of the speaker |

Phits I38 gives Icom speaker a clearer sound with a frequency response cleaner without internal reverberations. SSB and CW signals appear sharper and listening is much more pleasant.



Packaging

Phits I38 is delivered in a 25 x 15 x 10 cm cardboard box, carefully wrapped in tissue paper. In addition to the **Phits** plates, both a detailed installation manual and a sticker to identify the speaker has been improved are also included.

Weight: 0,9 Kg / 1,98 lb