

Activo One System

DSP
DIGITAL SIGNAL PROCESSING
on board

SUPPORT MADE IN ITALY
BUY OUR PRODUCTS

Thanks to the development of new technologies, it was possible to design an innovative audio distribution system, efficient, reliable, simple to install and, above all, highly performant. **Activo One System** presents itself as the only system like this. With **Activo One System** for each playing point you can adjust the power, equalization and delay without necessarily changing the infrastructure. In fact, the **Activo One System** works with a normal cable line on which runs both the audio and power signal.

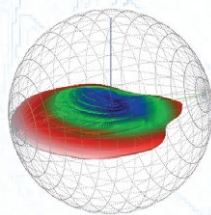
The requirements of modern sound systems and the care of the aesthetic / cultural heritage of Churches lead to design systems with few diffusion points; with a traditional system it is essential to create delay lines between the various audio fronts (phase alignment) and this involves the use of digital matrix, power units with many channels, and especially the preparation of many lines. With **Activo One System** this is no longer necessary since it is enough only one power supply and a minimum number of speakers connected between themselves with a simple bipolar cable (also already existing, as in most cases); each speaker, in fact, will handle with the right pressure-equalization-delay the relevant zone.

Vertical Activo... the best Activo ever!

Vertical Activo is the digital amplified active speaker with **DSP**, the heart of the **Activo One System**, high-performance multipoint systems where high standards of quality and intelligibility are required. **Activo One System** guarantees greater dynamics, pressure and acoustic homogeneity in the structure to be amplified, thereby ensuring greater intelligibility and sound definition.

Vertical Activo, thanks to its array with high efficiency speakers, ensures dynamics, pressure and directivity control both on the horizontal and vertical axis, satisfying even the most demanding designers. **Vertical Activo** is designed and built entirely in **Fulgor Service**, all components are **made in Italy**, this is to have an higher quality product and obtain the best voice performance.

Vertical Activo is produced in three versions: S 4-speakers, L 9-speakers and XL-12 speakers to be used depending on the needed sound coverage in the structure to be amplified.



TECHNICAL CHARACTERISTICS



POWER SUPPLY:

ALL-ONE

ALL-ONE LIGHT

- TECHNOLOGY: _____ ON-PoS
- PROTECTIONS: _____ antipump, inv. polarity, short circuit
- BANDWIDTH: _____ 50 to 18000 Hz
- COOLING: _____ forced by thermostatic fans
- POWER INPUT: _____ 230 V AC
- POWER OUTPUT: _____ 43÷44 V DC
- POWER: _____ 650 W _____ 400 W
- DIMENSIONS (LxDxH): _____ mm 482x300x88 _____ mm 210x260x88
- WEIGHT: _____ Kg 8 _____ Kg 1,8

ACTIVO SPEAKER CHARACTERISTICS

- TECHNOLOGY: _____ DSP and ONE demux
- DSP: _____ on board 24 bit - 48 KHz frequency
- FINAL OUTPUT POWER: _____ 35 W RMS (65 W peak) at 8 Ohm
- PROTECTIONS: _____ on input signal, on reverse polarity on short circuit
- ANTI-BUMP CIRCUIT: _____ at switching on and switching off
- EQUALIZATION: _____ filter settings through a special controller
- BANDWIDTH BOARD: _____ 50 to 18000 Hz
- S/N RATIO: _____ better than 98 dB; distortion <0.3%
- COOL: _____ full natural circulation
- POWER INPUT: _____ 40 to 45 V DC
- SIGNAL INPUT: _____ ONE enmux
- POWER: _____ requires dedicated power supply ALL-ONE
- ACTIVO S WEIGHT: _____ Kg 3,5
- ACTIVO L WEIGHT: _____ Kg 6,9
- ACTIVO XL WEIGHT: _____ Kg 8,5
- ACTIVO S DIMENSIONS (HxWxD): _____ mm 560x100x50
- ACTIVO L DIMENSIONS (HxWxD): _____ mm 1037x100x50
- ACTIVO XL DIMENSIONS (HxWxD): _____ mm 1314x100x50

To perform the calibration of the DSP mounted on the DIGITAL ACTIVO board the specific **CONTROLLER** has to be installed.



The images are purely illustrative and the details can be changed without any warning.



the **Vertical Activo** basic colors are white (RAL 9010) and Volcano (RAL 7006), on demand it can be produced in

various colors using as reference the RAL scale. Included is provided the hardware and mounting brackets that allow discreet and functional installation.