

12 *deducifacce*<sup>TM</sup>

***TECHNICAL  
DATASHEET***



We believe there are no generic solutions to specific problems, which is why we spend a lot of our time designing and engineering our ideas, services and related innovations.

With the care and passion of a craftsman, we build solutions, engineer products, give life to our ideas and those of our customers.

From this commitment was born "**12dodicifacce**", the engineering division of Safe S.r.l. able to design, build and install multipoint and multichannel sound level and vibrometric monitoring systems, ideal for measuring physical agents inside and outside industrial plants, production areas, construction sites, road and railway infrastructures.

These advanced systems allow the publication of data in real time on FTP servers and Web pages. They are also able to manage alarms, warning systems to avoid or prevent critical situations.

"**12dodicifacce**" creates and markets multiple technological solutions in the field of Acoustics and Sound reinforcement.

**Design and implementation of monitoring systems and networks**

**Rental of acoustic and vibration monitoring stations**

**Realization of noise and vibration measurement systems**

**Design and implementation of professional audio systems**

**Design and implementation of remediation and mitigation**

**Design of gas and pollutant detection systems and emergency management**

## PRODUCT

### DF01KIT



## DESCRIPTION

df01n Kit is made up omnidirectional loudspeaker for acoustic measurements, portable amplifier battery & 220V operated, tripod, peakon 5m cable (4P), carrying bag for loudspeaker

### Main features for amplifier & speaker

- ✓ High performance 96kHz 120 dB 32 bits AD/DA converters
- ✓ High performances FIR DSP (64 bit double precision 96kHz DSP process) designed specifically for this loudspeaker, with 4 factory preloaded preset for acoustic measurements
- ✓ equalizer included
- ✓ reduced size: 350x300x150mm
- ✓ lightweight: 4.75kg (sound source) - 4,5 kg (amplifier)
- ✓ internal large range noise generator wireless technology controlled to use with smartphone, tablet for e.g., and specific to use with SOUNDNOISE. Controller included
- ✓ USB input for external source
- ✓ operational time with battery about 1,5h (with battery in perfect working conditions)
- ✓ dedicated battery monitor to check status of battery charge
- ✓ Maximum power for Omnidirectional LSP: 120 dB pwl @ 2m
- ✓ Standard: ISO 140, ISO 3382, ISO 16283

### High-Quality Speaker Cable

Cable: 4 x 1.5 mm<sup>2</sup>

Neutrik NL2FX Speaker Twist connectors to Speakon 4P

Sheath diameter: 9 mm

Length: 5 m

Colour: Black

### Aluminium Tripod

4-Part column (two-fold extension)

Max. height: 210 cm

Min. height: 67 cm

Load capacity: 4 kg - Mounting head: Ø 16 mm

Weight: 1.1 kg

Colour: Black

### Carrying Bag

Tear and water-resistant

Padded handles

Bottom and lid are inlaid with fibreglass panels

Lined with 20 mm of foam material - 20 mm Zip

**PRODUCT**  
**DF01 – TALKBOX**

**DESCRIPTION**

Specific plastic flight case made In Italy  
with trolley and internal cubed foam preformed

**Dimensions**

502 X 415 X H246 mm 19.76 x 16.34 x H9.69 inch.

465 X 335 X H220 mm 18.31 x 13.19 x H8.66 inch

3,40 Kg 34,27 Lt

Black

IP67



**Main features for amplifier & speaker**

- ✓ Compliance to IEC 60268-16
- ✓ Pre loaded factory signal set (pink noise, white noise, STI signal (validated), pure tone
- ✓ Other audio test file can be added by the user using usb input
- ✓ For STIPA band levels 60dBA @1 m
- ✓ Others audio test tone depends of the level
- ✓ M10 mounting pole (adptor include)
- ✓ Dimension : 240 x 160 x 185 mm
- ✓ Weight 3 kg
- ✓ AC/DC power supply (input 110/220V)
- ✓ Table stand
- ✓ Usb Mass storage 32G with Our exclusive test tones catalogue
- ✓ Flight case with trolley with cubic foam (optional)
- ✓ Tripod

**PRODUCT**  
**DF01\_DIR**



**DESCRIPTION**

Thanks to the use of the amplifier (optional DF01\_A), it's able to produce a sound pressure level sufficient to perform the tests and acoustic tests necessary to control the acoustic performance of buildings.

The DF01\_DIR sound box is easily transportable via the soft bag with shoulder strap for transport.

The DF01\_DIR speaker can be used with other external amplified sources, complying with the specified technical specifications (maximum sound power is not guaranteed).

The passive directional speaker is equipped with a rigid and ergonomic wooden structure treated with embossed paint that protects it from impact and moisture.

**Main features for amplifier & speaker**

- ✓ Size: 260 x 210 x 320 mm
- ✓ Weight: 4 Kg
- ✓ Maximum power: 600 W
- ✓ Max sound power level: 130 dBA
- ✓ Impedance: 4+4  $\Omega$
- ✓ 4 Speakon Pin: IN +1, -1 / IN +2, -2



Standard equipment: 5m 4p cable, bag  
Optional: flight case

**REGULATORY STANDARDS AND REFERENCE STANDARDS**

UNI EN ISO: 140-5, 16283-3, 3382, 354

Complies with EC Directives





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