

# HD 26 PRO

## Professional Broadcast Headphones.

### FEATURES

- Lightweight with extra soft cushions for excellent wearing comfort
- Very accurate sound reproduction for professional monitoring applications
- ActiveGard™ (on/off switch) for protected hearing
- Reliable performance over long lifetime for safe investments
- Swivelling ear cap for single sided listening
- Modular concept of cable and cushions for highest flexibility

The HD 26 PRO applies to the requirements of demanding broadcast productions. A very linear and true sound reproduction will make these headphones an essential tool for professional monitoring applications.

The closed, supra-aural headphones have a very good passive noise attenuation, a high maximum SPL and are equipped with the ActiveGard™. This limiter can be activated or deactivated. Headphones come with cable with 3,5 mm jack plug and screw-on adapter for 6,3 mm (1/4") jack plug.



### ARCHITECT'S SPECIFICATIONS

Broadcast headphones have to be provided with a high Maximum Sound Pressure Level and a very accurate sound reproduction. The swivelling ear cap allows listening to the environment whenever needed. The headphones are light weighted, provide expandable split headband and extra soft ear cushions and headband paddings for outstanding wearing comfort even during long production days. The ActiveGard™ limiter technology protects hearing from volume peaks above 105 dB. Following the modular concept, ear cushions and paddings can be replaced easily. Corresponding cable-II family is copper material reinforced with Kevlar® for highest durability. The special shape with short coiled part absorbs structure born noise coming from cable perfectly.

### TECHNICAL DATA

#### HEADPHONES

Transducer principle .....	dynamic, closed
Ear coupling .....	supra-aural
Frequency response.....	20...18,000 Hz
Impedance.....	100 Ω stereo
Characteristic SPL.....	105 dB SPL at 1 kHz, 1 mW
.....	115 dB SPL at 1 kHz, 1 V
Maximum SPL .....	ActiveGard™ switched on: 105 dB SPL at 1 kHz
.....	ActiveGard™ switched off: 128 dB SPL at 1 kHz, 200 mW
Passive noise attenuation .....	approx. 18 dB
Distortion.....	< 0,5% at 1 kHz
Contact pressure .....	approx. 3.9 N

#### GENERAL DATA

Ambient temperature (operation) .....	-15°C to +55°C
Ambient temperature (storage) .....	-55°C to +70°C
Weight w/o cable.....	approx. 180g

### FREQUENCY RESPONSE

