

Electronic protection

To safeguard the MFB loudspeakers and amplifiers, in the event of overloading or overheating, the enclosure incorporates electronic protection circuits, which function fully automatically.

Operation

- Bass, treble, volume and balance can be adjusted on the driver unit.
- Even when the driver unit is switched off, MFB enclosures used in combination with conventional loudspeaker enclosures, e.g. for ambiophonic reproduction, may inadvertently be switched on by a pulse from the loudspeakers of the conventional systems which effectively act as a microphone. In this case the MFB enclosures should be switched off completely by setting power switch ② to 'off' position.
- You are advised to switch off the enclosures completely with power switch ② in case of prolonged absence, such as holidays, long journeys, etc.
- The MFB loudspeaker enclosure differs fundamentally from the conventional type by virtue of its integrated electronic circuitry. It should not therefore be exposed to excessive humidity.

Technical data

(subject to modification)

- Type of enclosure: Motional Feed Back with 3 amplifiers
- Volume: 19 litres
- Ext. dimensions: 300 x 487 x 287 mm
- Total power of amplifiers: 75 W cont. sine wave
- Loudspeakers:
AD 81671/MFB4, 8" woofer
AD 21160 ST, 8/15 combi dome squawker/
tweeter
- Cross-over frequencies: 650 Hz and 3500 Hz
- Connection sockets: phono sockets for signal in/out
- Input sensitivity, variable 1-25 V:
up to 3 V/100 kOhm,
above 3V/1 kOhm.
- Automatic switch on/off:
rise time < 1 s at speaker voltage of approx. 15
mV fall-off time \approx 3 min.
- Noise rating number: \leq NR15
- Feed Back-factor: 10 dB

Amplifier for woofer

- Output power: 50 W cont. sine wave power
- Harmonic distortion (D): \leq 0.1% at 40 W and 100 Hz

Amplifier for squawker

- Output power: 20 W cont. sine wave power
- Harmonic distortion (D): \leq 0.1% at 15 W and 1 kHz

Amplifier for tweeter

- Output power: 5 W cont. sine wave power
- Harmonic distortion (D): \leq 0.1% at 5 W and 5 kHz