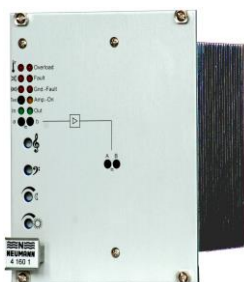


## Amplifier 100 W

The 100 W Amplifier, which has been developed in a very compact design, serves as a power amplifier in ms Neumann Elektronik DS-6 systems and also offers the capability to be connected to all voice communication centrals with an analogue interface. Because it is available with different operating voltages, it is suitable in versatile use in a variety of different applications. Important applications include PA and emergency warning systems in smaller areas or fire zones in office buildings, warehouses, storage areas, production environments, construction facilities and workshops.



**Amplifier 100 W**  
Art.-No.: 4 160 0



**Amplifier Backplane,  
LC 1, LC 2**  
Art.-No.: 22 1 5203 197 2



**Amplifier Backplane  
Extension,  
LC 3, L 4**  
Art.-No. 22 2 5303 197 4



**Amplifier Backplane  
for DS-6 PA Control**  
Art.-Nr.: 22 1 5004 150 0

### Facilities

- Functions complying with DIN EN 60849 standard
- Output volume adjustable for day and night operation
- Low distortion factor  $\leq 0,5\%$
- Treble and bass controls
- Electronic, temperature dependent switch off at  $85^{\circ}\text{C} \pm 3\text{K}$
- Front panel LED indicators for the following functions:
  - Power control „Amp.-ON“
  - Ground fault „Gnd.-Fault“
  - Interruption of the loudspeaker circuit
  - Overload or short circuit „Overload“
  - Temperature too high
  - Blown fuse
  - General fault „Fault“
  - Signal level indicators for input and output „In“ and „Out“
- Electrical isolated power switch
- Emergency override power on for loudspeakers
- Switch selectable input sensitivity
- Loudspeaker protection via active high pass filter
- Reducer for different input voltages
- No-load safe and short circuit proof

Art.-No.	4 160 1	
Physical data		
Dimensions	21 MU and 3 HU	
Weight	1039 g	
Electrical data		
Operating voltage	48 V	60 V
Max. power input	4,3 A	3,5 A
Audio frequency output power	100 W	
Input voltage 1	120 mV	
Temperature limiting in °C	≥ 75°±3K	
Temperature switch off in °C	≥ 85°±3K	
Frequency range	80 Hz to 12 kHz-3db	
Environmental conditions		
Admissible temperature range	-5... +40°C	