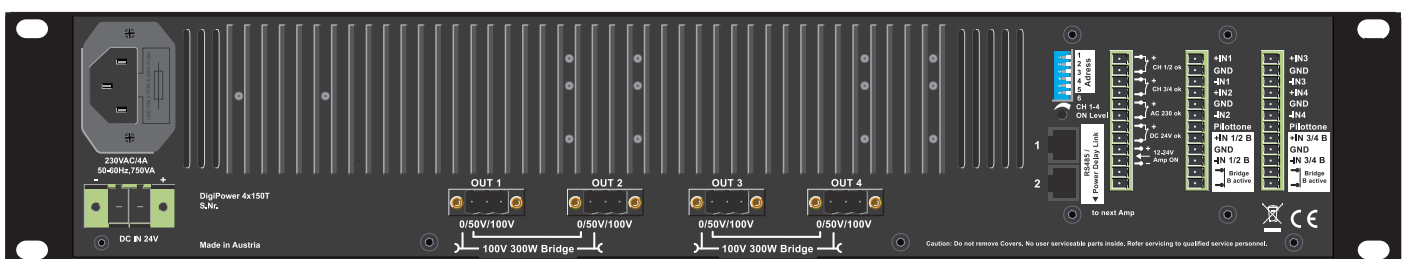


System component: DIGIPOWER 4x150T



- LED indicators for signal and operating conditions
- Potential-free monitoring outputs for battery and mains supply
- Potential-free monitoring outputs for the function of the power amplifier
- Low installation depth of only 280 mm
- Low construction height: 2 RUs for 4 channels, output transformer on board
- All ports with push/screw terminals
- Symmetrical signal inputs
- Automatic standby with lowest possible current drain in 24V DC operation
- Protection circuit against open-circuit operation, short circuits, excessive temperature, DC
- 230V AC network and 24V DC voltage supply
- Soft start, cascadeable switch-on delay when using several devices
- Temperature-controlled fan
- RS-485 interface (optional) to control and query important parameters

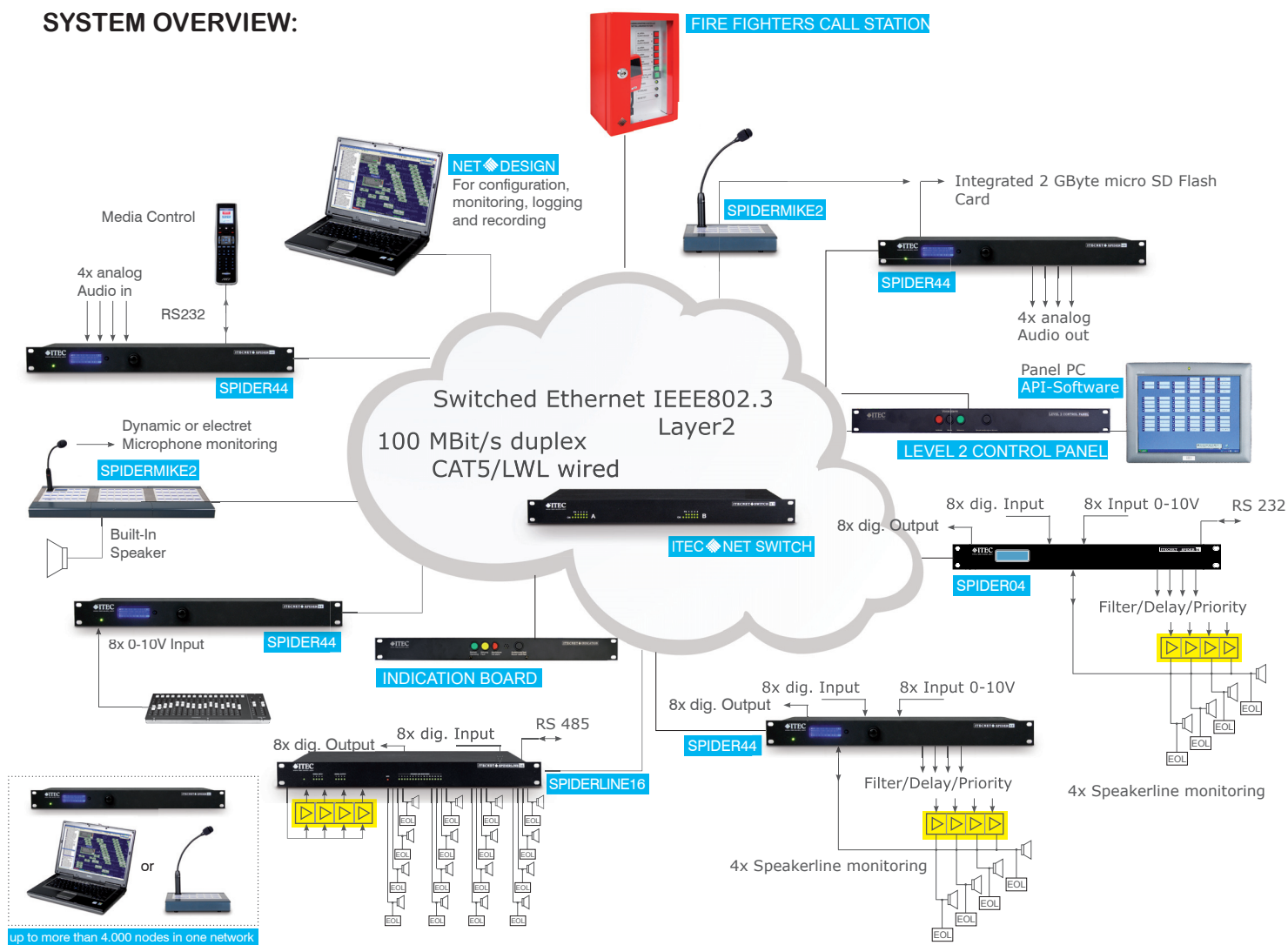


DIGIPOWER 4x150T

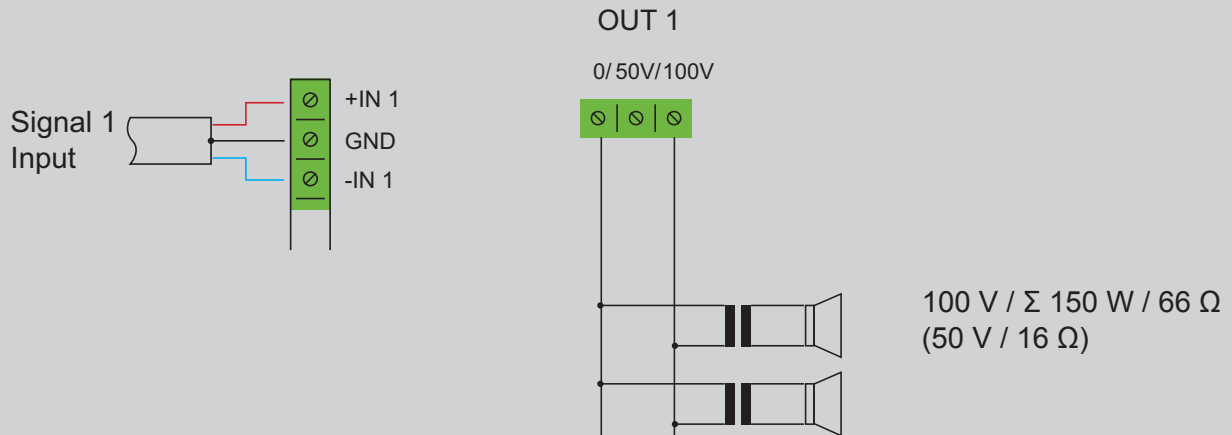
The power amplifiers of the series “ITEC DigiPower” offer due to the latest digital technology in place an extremely high efficiency. Another feature is the very low power consumption in the automatic standby mode. Therefore “ITEC DigiPower amplifiers” are ideal for the use in voice alarm systems. For this application alternatively to the standard 230V AC power supply a supply from a 24V DC backup battery can be provided.

ITEC DigiPower amplifiers are very robust and reliable. They are designed for a continuous operation in professional sound reinforcement systems. Dynamic limiters provide an effective overload protection and avoid distortion or damages of the speaker systems. Short-circuit and over temperature protection ensure a maximum operational safety. Various practical details and the convenient, streamlined design facilitate installation and operation.

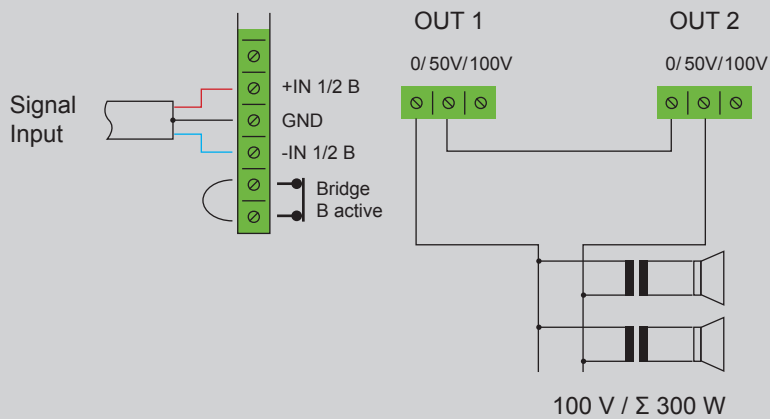
SYSTEM OVERVIEW:



Connection example Channel 1



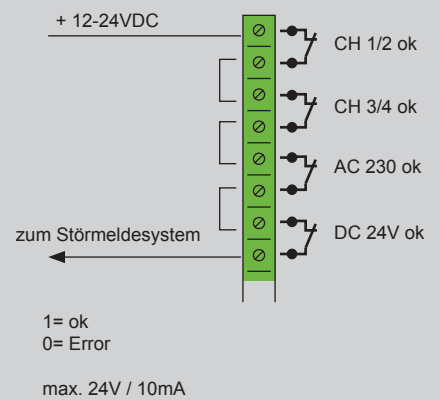
Bridge-Modus 1/2



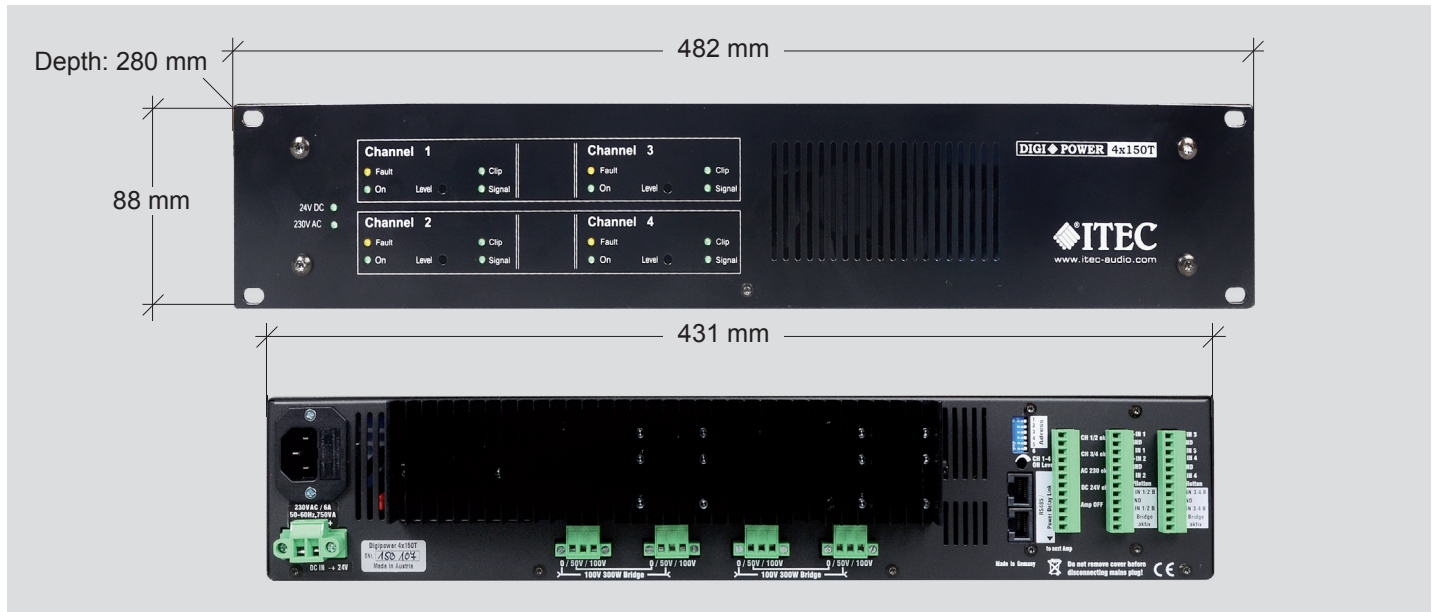
Bridge mode 3/4 is to be wired to the respective terminals in the same way

Operation/fault indication contacts

Wiring example: Collective report



DIGIPOWER 4x150T - SPECIFICATIONS



TYPE	DIGIPOWER 4x150T
Output power (RMS) @ 4x 66 Ohm/100V	4x150W
Supply voltage AC	230V AC (+-5%)
Supply voltage DC	24V -28V DC
THD+N @ 1kHz / 100W	< 0,2 %
Frequency response -3dB	60Hz – 24kHz
Input sensitivity @ 1kHz	1V eff
Input impedance @ 1kHz	10kOhm
Unweighted signal-to-noise ratio @ 1kHz; 50W; Vol 0.5	85dB
Signal-to-noise ratio	91dB
Signal inputs	electronically balanced
Starting current @ 230V AC	11A (NTC recovery time 70 sec.)
CURRENT CONSUMPTION	
Standby @ 24V DC	0,16A / 3,8W
Standby @ 230V AC	0,045A / 10W
Operation, no signal, 4 Ch active, @ 24V DC	0,5A
Operation, no signal, 4 Ch active, @ 230V AC	0,1A
Full load, sinusoidal signal, @ 24V DC	27A
Full load, sinusoidal signal, @ 230V AC	3,7A
CASCADEABLE SWITCH-ON DELAY	
Via RJ45 patch cable	approx. 2 seconds per device
OPERATION/FAULT INDICATION NOTIFICATION	
Potential-free octocoupler outputs	Max. 24 V DC, 10mA (series connection of several outputs possible)
REMOTE ACTIVATION	
Remote activation input, Amp ON (optional)	12V - 24V DC, ca. 10mA
CIRCUIT POINTS	
Signal inputs	12-pin push/screw terminal
Operation/fault indication notification	12-pin push/screw terminal
Power outputs	3-pin push/screw terminal
24V DC IN	2-pin push/screw terminal (30A fuse in the device)
230V AV IN	Rubber connector (6A fuse accessible from outside)
RS 485 (optional)	RJ 45
MECHANICAL DATA	
Dimension	482 x 88 x 280 mm (W x H x D), 19" / 2HU
Weight	16,5 kg

No responsibility is taken for the correctness of this information - Specifications subject to change