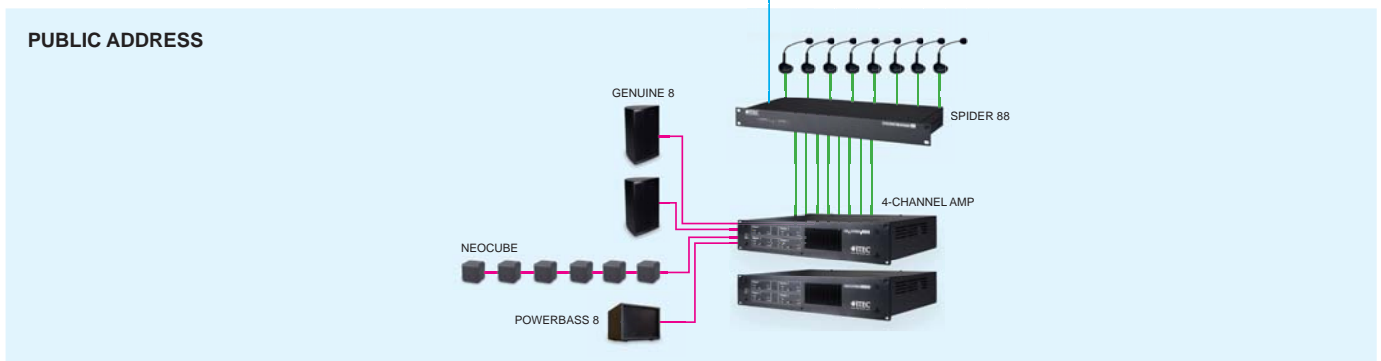
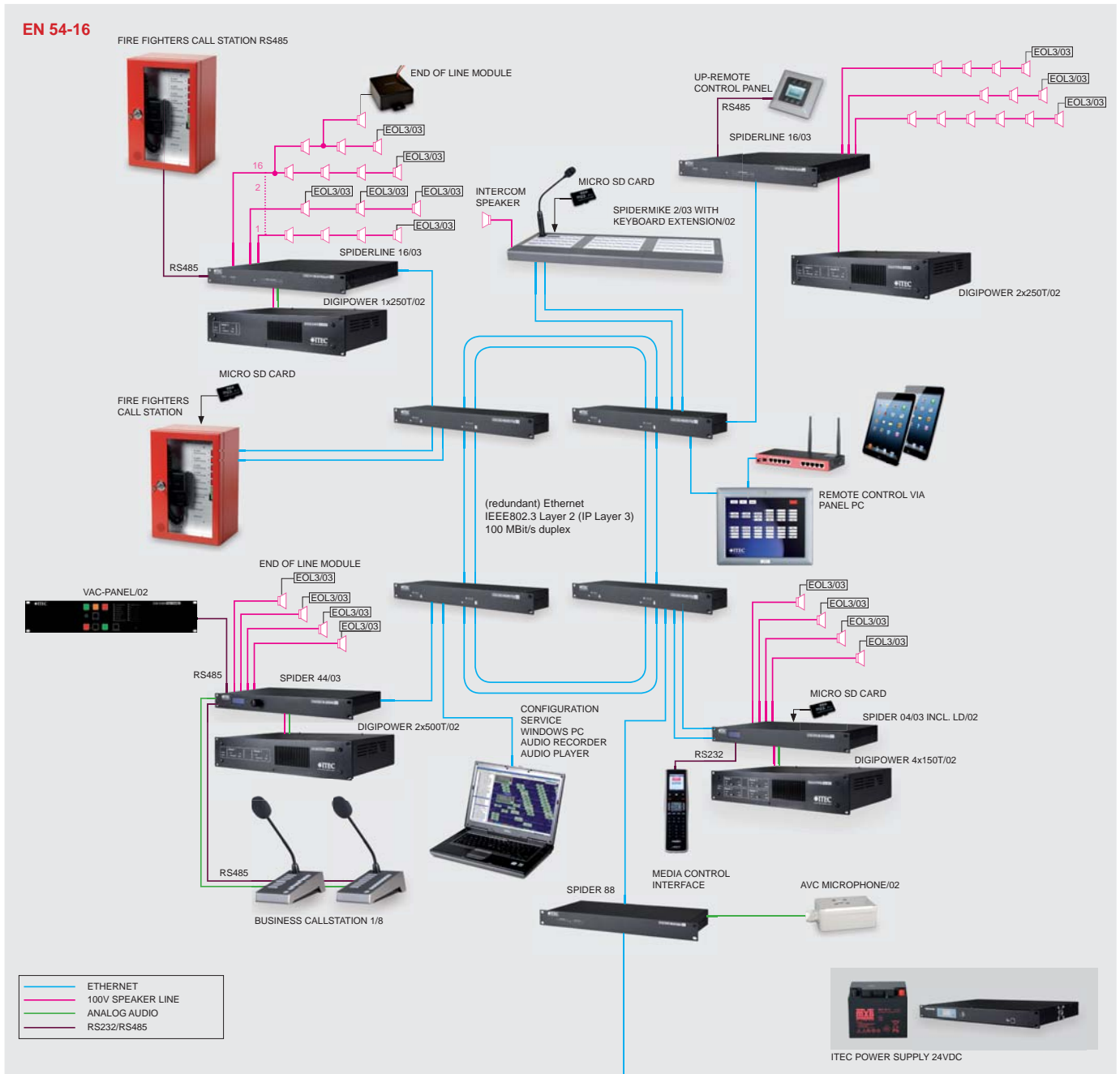


## System component: SWITCH 4/1



- ITECNET is an audio network which is based on the IEE-802.3 Ethernet standards. Therefore, you can use existing network structures as well as all commercial components, such as network switches.
- The ITECNET Switch 4/1 ensures that the entire network can be built using components providing equal reliability, longevity and robustness. The availability of structurally identical components and spare parts must be ensured for many years, which applies to network switches just as to all other ITECNET components. This enables us to always meet the requirements for EN 54-16 certification.
- 24 VDC power for supply using EN54-4 certified energy supply equipment.
- System certified according to EN 54-16: EC conformity certificate no. 1293-CPR-0700

**SYSTEM OVERVIEW:**



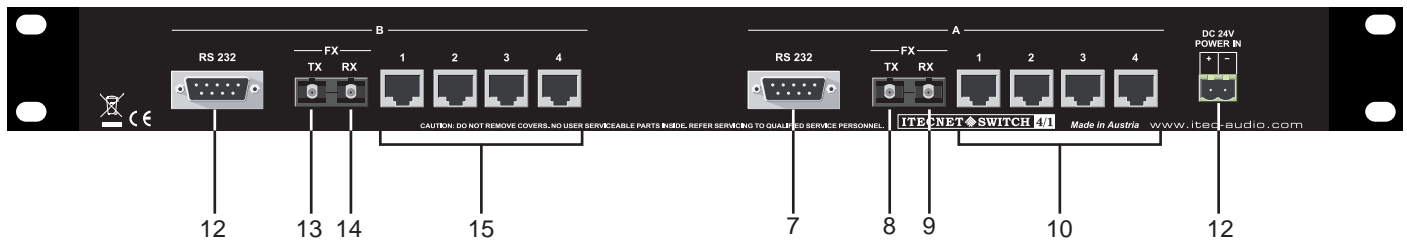
## DISPLAY ELEMENTS ON THE FRONT-PANEL



- 1 Power Indicator Block A
- 2 LEDs for fiber-optic port A
- 3 LEDs for ports 1-4 A
- 4 as item 1, but for Block B
- 5 as item 2, but for Block B
- 6 as item 3, but for Block B

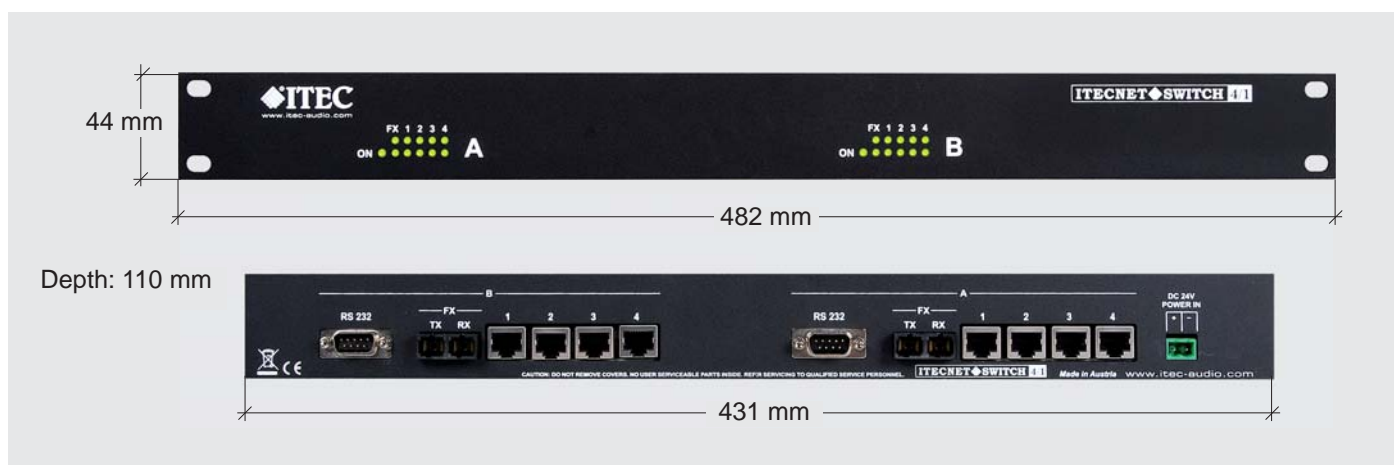
The LEDs for the fiber optic port and the copper ports 1-4 each have the following functions:  
 The lower LED indicates via a permanent light a valid full-duplex connection to another unit.  
 The top LED flashes to indicate an established 100 MBit connection to another unit.

## CONNECTORS ON THE REAR PANEL



- 7 RS232 interface Block A
- 8 Fiber port Block A, TX (transmit)
- 9 Fiber port block A, RX (receive)
- 10 RJ45 connectors for copper ports 1-4 A
- 11 24 VDC screw terminal
- 12 as item 7, but for Block B
- 13 as item 8, but for Block B
- 14 as item 9, but for Block B
- 15 as item 10, but for Block B

## SWITCH 4/1 - SPECIFICATIONS



General	
Power Supply	external switching power supply or 24 VDC (18 V < V < 32 V)
Current consumption @ 24 V	160 mA in idle mode, +10 mA per active port 260 mA at full load
Operating temperature	-5° C - +40° C
Dimensions	482 mm x 44 mm x 125 mm (W x H x D), 19" / 1 RU
Weight	2.4 kg
Network	
Standard	Compliant with IEEE 802, 100Base-TX, 100Base-FX standard Compliant with IEEE 802.3 10Base (not relevant for ITECNET)
Ports	
Cooper	2 x 4 ports on RJ45 connector
Fiber optic	2 x fiber optic ports on SC connector, Wavelength: 1310 nm, Cable: MultiMode Fiber
Serial Interface	
RS232	for configuration ( in preparation)

All Informations without guarantee. Subject to technical changes.