

PRODUCT INFORMATION DPS202

Central Control Unit



Description

Within the Congress Data System CDS200 II the Central Control Unit DPS202 is used for controlling of up to 160 system units. These units are delegates' units with voting facility, system control consoles for controlling the microphone and voting operation modes as well as interfaces for the connection of large screen displays.

The DPS202 is either able to work in stand alone mode or in connection with a PC. In the case of stand alone mode there are 8 buttons to control the unit via a clearly arranged LC Display. In connection with CDS200 software and a PC there are manifold options for system parameters and operation modes.

The microphone signals at the "UNITS"-inputs 1 to 4 may be either routed individually to the corresponding outputs 1 to 4 or all together mixed to output OUT1/all.

In addition to the manual numbering, first time implemented in CDS200 II is the fully automated numbering of delegates' units. This feature enables a fast starting up of the equipment.

For system enhancement up to 30 Central Control Units can be linked together.

Mounting brackets for rack assembly are in delivery.

Technical Data

The DPS202 is complying with international standard IEC914

Connectors

- EXT LS-IN (XLR-socket) for decentralized public address
- MIXER/PA OUT 1/all ... 4 (XLR-plug) for up to 4 device lines
- UNITS 1 ... 4 (S8G-socket) for connection of up to 40 delegates' units at each line (CDS200 2nd generation)
- AF-LINK (S8G-socket) IN /OUT for coupling the AF-signals of more than one Central Control Unit connected together
- PC IN (CR15-socket) for connection of a control PC or previous DPS202
- PC LINK (CR15-socket) Output for connection of next DPS202

Features

- Green lighted mains switch for power on indication with position for remote power on
- LC Display for showing operation mode, baud rate, unit address and signal assignment to the MIXER/PA out sockets (XLR) and more
- 8 buttons for a clear handling of the LC display

- 4 green LEDs for indication of the accurate operating voltage at the four outputs (UNITS)
- 4 yellow LEDs for indication of AF peak

Short-circuit protected outputs

- Short-circuit < 2s: current will be limited
- Short-circuit > 2s: output will be switched OFF
- output will be automatically switched ON again if the short-circuit has been removed

Power Supply

- Mains power: (90 ... 250)VAC, (50 ... 60) Hz
- Power consumption: 320VA max.

Housing

- 19", 2 HU, Aluminium, "silver" anodized
- W x H x D: (433 x 88 x 305)mm

Weight

- 4,5kg

Optional (not in delivery)

- System software CDS200
- CDS200 II Interface with RS232 or RS485 connection