

## Central Control Unit

BRÄHLER ICS is committed to continually improving its products and so reserves the right to make technical modifications without notice



### Description

The ZD32 Central Control Unit is a micro-processor based unit designed for the MULTICOM-32 Congress System.

It is used as the basic control unit for all types of delegate, chairman, operator and interpreter units. One ZD32 unit can be used to control both delegate/chairman units and interpreter units. All units are connected in a fully digital communication true bus cable structure. All digital series conference units can be connected to ZD32 to form a complete Digital Congress System.

### ZD32 features:

#### Digital Audio Transmission

of up to 32 channels of sound in a single digital bus cable structure for all system units.

#### Digital Control

of functions of all system 32 units.

#### LCDDisplay

Alphanumeric LCD Display for displaying the actual mode, language- and system setting, etc.

#### In-/Output's

4 I/O chains for digital conference units. Analog input/output for a variety of external devices such as telephone coupler, tape recorder, etc.

#### Test function

Automatic test program built-in for testing the system and the individual conference units.

#### Programming

Menu guided programming of number of speakers, number of requests, operation mode, language and other system settings.

#### Up to 32 Languages

with up to 6 Interpreters Set's for each language may be connected.

#### Multi modes of operation

Automatic and FIFO operation as stand alone. Further manual or any custom required operation controlled from a PC.

#### Additional power supply

For larger systems the NT32D Extension Power Supply is used.

#### Wireless transmission

For wireless transmission of languages the INFRACOM® Transmitter is required.

### Optional

RS232/RS485 connection for PC, room control systems as AMX, Crestron or other control devices.

*External control possible.*

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### Technical Data

**Capacity:**

ZD32/NT32D: 4x6 delegate/  
interpreter- or 64 ch. selector units in  
four lines

**Frequency Response:**

20Hz - 16kHz

**THD:**

< 0,01 %

**S/N:**

>96dBA

**Number of Channels:**

32 channels

**Connections:**

4 x input/output fully digital bus trans-  
mitting control, sound and translated  
languages (up to 32 ch.)

**Ext. input:**

Analog input for external audio

**Ext. output:**

Analog output for floor language

**Option:**

RS232/485 built in card for external  
control

**Dimension w/o handles:**

W x H x D: 475 x 88 x 317 mm

**Power consumption:**

320W

**Weight:**

8,9 kg.

### Compliances

System is certified to conform to CE  
electrical and electromagnetic standards.

Radio module conforms to ETS 300-220  
standard.

Export include but are not limited to:

Europe. Germany (BZT), France (MPT),  
The Netherlands (RDR), Norway (PT),  
United Kingdom (RA) Africa / Middle East.  
Republic of South Africa (DPT) Asia /  
Pacific. Singapore (TAS)

Factory modified versions of a different  
product (Standard Reply®) conform to New  
Zealand (MC), Australia (SMA), and other  
special foreign standards.