Televic Flush Mount Equipment

Integrated flushmount panels

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Integrated panels

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SW Control

- Microphone management
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- Visualisation

AV Integration

- Room Management systems
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Delegate Equipment

Data Sheet

FD/M

INTEGRATED DELEGATE PANEL
Art. 71.60.2201

Features and Controls

- Gooseneck microphone with GSM immunity and LED ring
- High quality loudspeaker
- Microphone on/off button
- Headphone volume control

- The chairman version (FC/M) comes with a priority- and a next-in-line button

Description

The FD/M is a fully integrated delegate panel equipped with loudspeaker, headphone connector and headphone volume control. The included gooseneck microphone is free from interference caused by mobile phones.

It is intended for flush mounting and combines several functionalities in one single panel.

The FD/M is compatible with both the Confidea and the TCS5500 conference system. The latter requires the use of additional SPL5525 splitter units.

Specifications

Technical Data	
Dimensions (mm)	245(w) x 105(h) x 43 (d)
Cut-out (mm)	225(w) x 95(h) x 85 (d)
Microphone Lenght	380 mm
Weight (g)	± 810
Front plate	Steel
Color	RAL 7021 (Matt black)
Part Number	71.60.2201 (Delegate) 71.60.2202 (Chairman)

Accessories

- TEL151 Delegate Headphone (71.04.0151)

- Digital bus cable, RJ45 24AWG:

 | | | |
  |---|---|---|
  | YPC1 | 1 m | (71.67.4001) |
  | YPC2 | 2 m | (71.67.4002) |
  | YPC5 | 5 m | (71.67.4005) |
  | YPC10 | 10 m | (71.67.4010) |
  | YPC20 | 20 m | (71.67.4020) |

  Standard Ethernet patch cable AWG26 cannot be used!

- SPL5525 for connection to TCS5500 central equipment   (71.67.5035)

Connectivity

- Two RJ 45 connectors for separate loop through cabling, max 20 units/branch

- 3,5 mm jack socket for headphone

- Compatible with TCS2500 Central Units

- Compatible with TCS5500 Central Units through SPL5525 interface

Dimensions
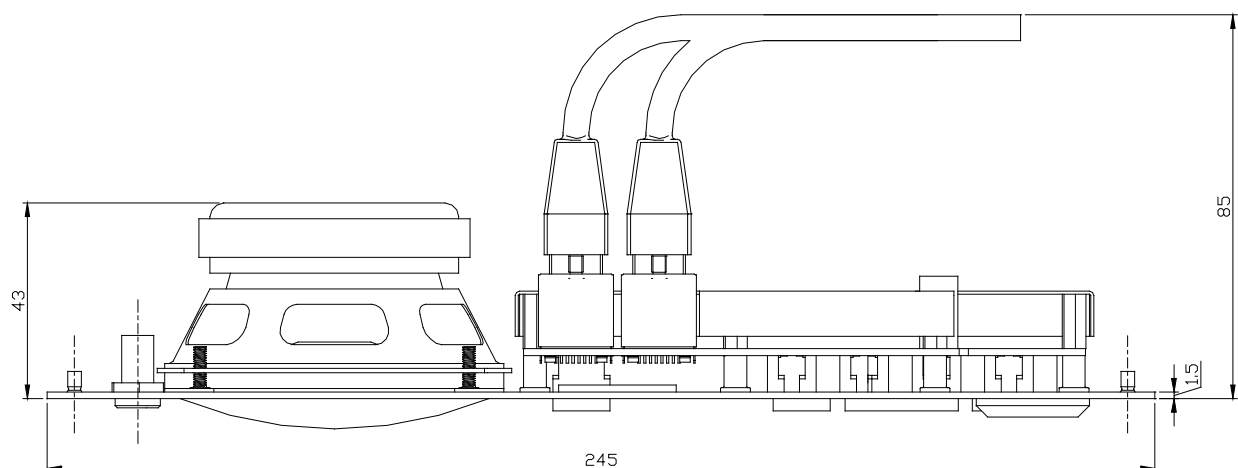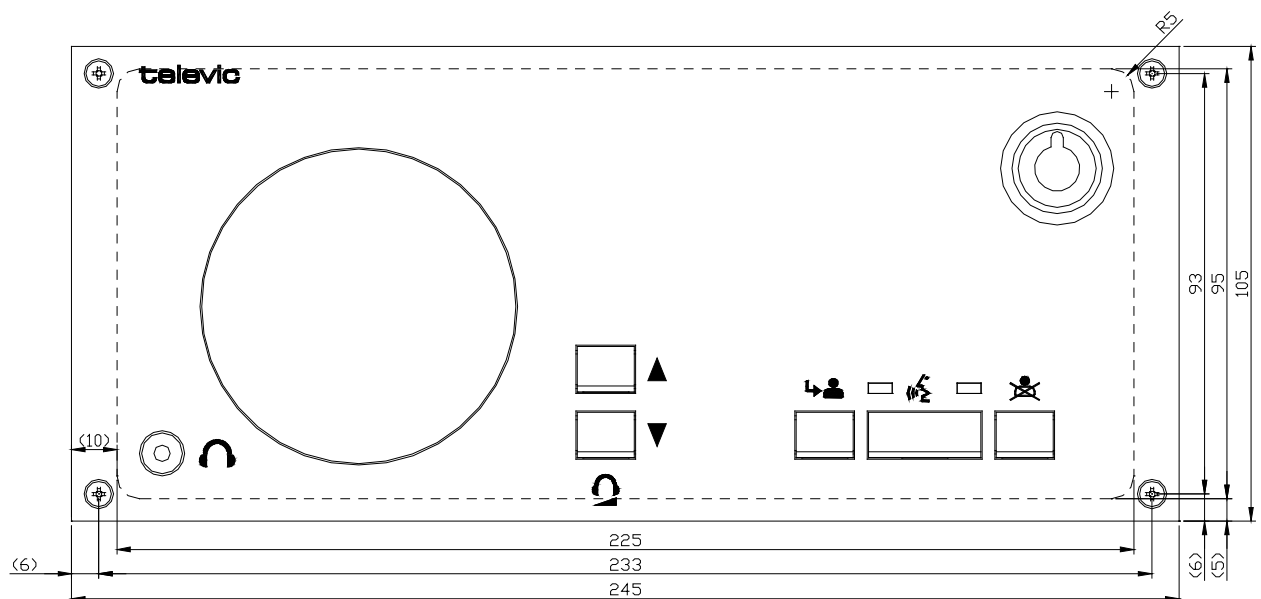
FD/MV5B

INTEGRATED DELEGATE PANEL

Art. 71.60.2203

Features and Controls

- Gooseneck microphone with GSM immunity and LED ring
- High quality loudspeaker
- Microphone on/off button
- Five voting buttons with LED indicators
- Chip card reader/programmer
- Two digit LED display for channel and volume information

- The chairman version (FC/MV5B) comes with a priority and a next-in-line button

Description

The FD/MV5B is a fully integrated delegate panel equipped with loudspeaker, headphone connector, five button voting and badge reader. The included gooseneck microphone is free from interference caused by mobile phones.

It is intended for flush mounting and combines several functionalities in one single panel.

The FD/MV5B is compatible with both the Confidea and the TCS5500 conference system. The latter requires the use of additional SPL5525 splitter units.

Specifications

Technical Data	
Dimensions (mm)	245(w) x 105(h) x 43 (d)
Cut-out (mm)	225(w) x 95(h) x 85 (d)
Microphone Lenght	380 mm
Weight (g)	± 870
Front plate	Steel
Color	RAL 7021 (Matt black)
Part Number	71.60.2203 (Delegate) 71.60.2204 (Chairman)

Accessories

- TEL151 Delegate Headphone (71.04.0151)
- Chip Card   (71.43.2000)
- Digital bus cable, RJ45 24AWG:

 | | | |
  |---|---|---|
  | YPC1 | 1 m | (71.67.4001) |
  | YPC2 | 2 m | (71.67.4002) |
  | YPC5 | 5 m | (71.67.4005) |
  | YPC10 | 10 m | (71.67.4010) |
  | YPC20 | 20 m | (71.67.4020) |

  Standard Ethernet patch cable AWG26 cannot be used!

- SPL5525 for connection to TCS5500 central equipment   (71.67.5035)

Connectivity

- Two RJ 45 connectors for separate loop through cabling, max 20 units/branch
- 3,5 mm jack socket for headphone
- Compatible with TCS2500 Central Units
- Compatible with TCS5500 Central Units through SPL5525 interface

Dimensions

![televic conference logo]
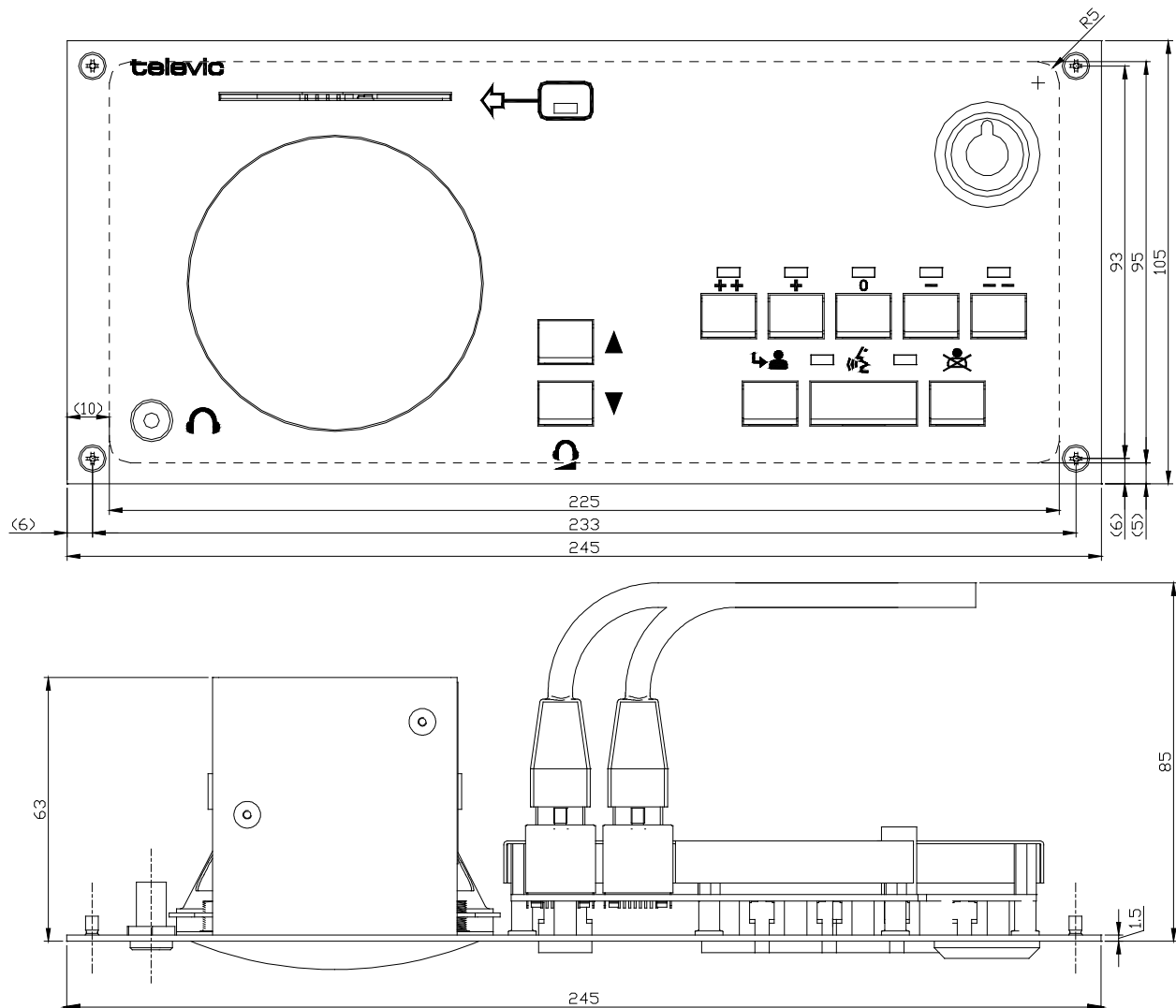
FD/MV5BCS

INTEGRATED DELEGATE PANEL

Art. 71.60.2207

Features and Controls

- Gooseneck microphone with GSM immunity and LED ring
- High quality loudspeaker
- Microphone on/off button
- Five voting buttons with LED indicators
- Chip card reader/programmer
- Channel selector with volume control
- Two digit LED display for channel and volume information

- The chairman version (FC/MV5BCS) comes with a priority and a next-in-line button

Description

The FD/MV5BCS is a fully integrated delegate panel equipped with loudspeaker, channel selector, headphone connector, five button voting and badge reader.

It is intended for flush mounting and combines several functionalities in one single panel.

The included gooseneck microphone is free from interference caused by mobile phones

The FD/MV5BCS is compatible with both the Confidea and the TCS5500 conference system. The latter requires the use of additional SPL5525 splitter units.

Specifications

Technical Data	
Dimensions (mm)	245(w) x 105(h) x 43 (d)
Cut-out (mm)	225(w) x 95(h) x 85 (d)
Microphone Lenght	380 mm
Weight (g)	± 900.
Front plate	Steel
Color	RAL 7021 (Matt black)
Part Number	71.60.2207 (Delegate) 71.60.2208 (Chairman)

Interpreter Equipment

![televic conference logo]

ID2500

DIGITAL INTERPRETER STATION

Art. 71.60.3002

Description

The ID2500 Digital Interpreter Desk features a unique and attractive design. It is supplied in an attractively designed elegant housing, and conforms to all relevant international norms.

The ID2500 features easy and intuitive operation and can accommodate the floor language plus 4, 8 or 28 languages. Up to 8 interpreter desks can be installed per booth. An integrated graphical LCD display with backlighting indicates information relevant to the interpreter.

Interpreters can easily select the incoming languages of their choice by using the 3 relay preset buttons with red indicator LED. These buttons are easily programmed by pressing and holding the relay preset button and cycling through the available language channels on the LCD display with the up and down controls. Releasing the relay-preset button programmes the selected language.

Interpreters get an indication on the graphical LCD display of the quality of the incoming languages. This way they can distinguish between a direct and an indirect interpretation, thereby avoiding indirect interpretations whenever possible.

Controls and Features

- Integrated electret condenser gooseneck microphone, with built-in illuminator ring.

- Integrated loudspeaker with rotary volume control and up and down channel selector. The loudspeaker is activated when no interpreter microphones in the booth are active.

- Headphones rotary volume, bass and treble controls.

- Up and down controls for selection of relay preset languages and Outgoing Channel B

- 3 relay-preset buttons for selection of incoming languages.

- Outgoing Channel A and Outgoing Channel B selection keys with red 'engaged' LED indicators.

- The interpreter can program the Outgoing Channel B individually.

- Graphical 122 x 32 dots LCDisplay with backlighting, used for indicating

    - Incoming languages
    - Interpretation quality (Floor +, -)
    - Outgoing channels
    - Status of loudspeaker
    - Set-up mode (not accessible in normal operation mode)

- Large Red Microphone On/Off button with red LED

- Grey Mute button

- Message button with acknowledge LED indicator for various types of calls.

Accessories

- Digital bus cable, RJ45 24AWG:
  2m (ICC5/2 71.60.4002)
  5m (ICC5/5 71.60.4005)
  10m (ICC5/10 71.60.4010)
  20m (ICC5/20 71.60.4020)
  Standard Ethernet patch cable AWG26
  cannot be used!
- Headphones TEL10 (71.04.1214)
- Headphones TEL151 (71.04.0151)
- Chip Card CC5500 (71.43.2000)

Connectivity

- Two RJ 45 connectors for separate loop through cabling of the TMS digital data bus (IN and OUT), max 20 units/bus
- Two 3.5 mm jack plug for headphones
- One 3.5 mm jack plug for headset connection (microphone and headphone combination)

Technical Data

Standards	IEC 268, IEC914, ISO4043
Frequency response	100-14000 Hz
Microphone pick-up pattern	cardioid
Lenght microphone	380 mm
Headphone output power	1.7 V at 90 mW
Headset input sensitivity	6.3 mV
Headset input impedance	$\geq 1k\Omega$ (at 1 kHz)
S/N at headphone output	> 68 dBA
Power Supply	48 VDC, suppied by CE2500
Power consumption	2.5 W
Operating temperature	+5 ... +50 °C
Dimensions	150(w), 80(h), 185(d) mm
Weight (g)	± 0.7 kg
Color	Charcoal Pantone Black 7C
Housing	Recyclable ABS
Part Number	71.60.2103 (Delegate) 71.60.2104 (Chairman)

ID5500

DIGITAL INTERPRETER DESK

Art. 71.64.5044

Interpreters can easily select the incoming languages of their choice by using the 5 relay preset buttons with red indicator LED. These buttons are easily programmed by pressing and holding the relay preset button and cycling through the available language channels on the LCD display with the up and down controls. Releasing the relay preset button programs the selected language. The relay preset is activated by pressing the white relay button with green LED indicator.

Interpreters get an indication on the LCD display of the quality of the incoming languages. This way they can distinguish between a direct and an indirect interpretation, thereby avoiding indirect interpretations whenever possible.

Controls and Features

- Removable goose-neck microphone TGM407 with built-in illuminator ring

- Integrated loudspeaker with rotary volume control and up and down channel selector. The loudspeaker is activated when no interpreter desks in the booth are active

- Headphones rotary volume, bass and treble controls.

- Up and down controls for selection of relay preset languages and Outgoing Channel B

- 5 relay preset buttons for selection of incoming languages.

- Relay button for activation of relay interpretation. The relay button has "on/off" and "autofloor" LED indicators

- Yellow Outgoing Channel A and Outgoing Channel B selection keys with red 'engaged' LED indicators. Each interpreter can program the Outgoing Channel B individually

Description

The ID5500 Interpreter Desk features a unique and attractive design. It is supplied in a professional all metal housing, and conforms to all relevant international norms. All interpreter desks are identical and interchangeable in case of malfunction. A malfunction in one interpreter desk has no influence on the operation of any other interpreter desk in the system.

The ID5500 offers easy and intuitive operation and can accommodate the floor language plus 58 languages. Up to 15 interpreter desks can be installed per booth. An integrated alphanumerical LCD display indicates information relevant to the interpreter.

- 64 x 240 dots graphical LCD display with backlighting, used for indicating
    - incoming languages
    - interpretation quality (FL, -1, -2)
    - outgoing channels
    - messages
    - status of loudspeaker + headphones
    - Setup mode (not accessible in normal operation mode)
- Red Microphone On/Off button with two color (green & red) LED bar
- Black Mute button
- Grey Info button with green LED indicator, which lights up when a new message is available. Pressing the info button displays the message on the first two lines of the LCD screen
- Call button with acknowledge LED indicator for various types of calls and for intercom function
- Slow Down button to alert chairman that speakers are talking too fast This functionality requires extra hardware near the chairman (DCSL5500 + 71.67.0040)
- LED indicators to warn interpreter that there is an internal (intercom) or external (phone) call

Connectivity

- 5-pin XLR female connector for removable gooseneck microphone
- 2 RJ45 8-pin connectors (digital bus: IN and OUT)
- 3,5mm jack socket for headphones
- 3,5mm jack socket for external microphone

- Headset socket
- 7-pin DIN connector for headset
- 1 RJ45 8-pin connector for connection to peripheral devices:

    Activation of EXT and INT LED on desk via telephone indicator board   (71.69.5528)

    Driving of 'On-Air' indicator light via driver board   (71.69.5522)

Accessories

- Gooseneck microphone TGM407 (included)
- Headphones TEL10
- Lightweight headphones TEL151
- Digital bus cable YPC to interconnect ID5500 Interpreter Desks and to connect to the central unit

YPC1	1m	(71.67.4001)
YPC2	2m	(71.67.4002)
YPC5	3m	(71.67.4005)
YPC10	10m	(71.67.4010)
YPC20	20m	(71.67.4020)

Specifications

Technical Data	
Standards	IEC 914 ISO 2603-latest edition
Mounting	Desktop, flush mounting or semi-flush mounting
Dimensions (mm)	108(h)x 370(w) x 200(d) (without microphone) (h = 510mm with microphone)
Weight (g)	+/- 3.420
Colour	RAL7021 (Matt Black)
Housing	Metal
Part Number	71.64.5044

Central Equipment

televic conference

Confidea CU

Digital Conference and Interpretation Central

Art. 71.60.1005

Description

The Confidea central unit is the heart of the Confidea digital Conference/Simultaneous Interpretation system. It comes in an all-metal 19"housing for rack or tabletop mounting.

The integrated supply powers delegates and interpreter units on 6 available branches. The central unit controls a max of 120 delegates. (Confidea range, all-in-one integrated panels and ID2500 interpreter desks).

In its basic configuration the Central unit can handle interpreter desks (ID2500) up to 4 translated languages for multilingual debates. Adding additional licenses, the supported number of languages can be increased upto 28.

Two analog inputs allow connection of e.g. wireless microphones, or other classic analog signal sources.

An XLR output can connect to a separate analog system, such as an external power amplifier, or an analog recorder.

An additional 15-pin Dsub connector outputs 6 unbalanced channels to be used for e.g. IR modulator.

All settings for the system are made via the central units local configuration menu.

Connectivity

- 6 RJ45 sockets for 6 branches with up to 20 units
- 2 three-pin XLR F connectors for analog inputs
- 1 three-pin XLR M connector for analog output of floor language, transformer balanced
- 1 Dsub 15-pin, offering 6 unbalanced analog outputs (programmable)
- One 3.5mm jack for headphones (front panel mounted)
- 3 serial ports RS-232 for optional PC, media and camera control

Controls & Features

- Rear mounted mains On/Off switch
- 5 programming buttons + rotary wheel
- Graphical display: 122x32 dots
- Headphone monitoring output

Technical Data

Audio Input	
Aux IN 1,2	XLR-3F, transformer balanced
Input voltage range	max +3 dBu
Input impedance	> 6 k Ω at 1 kHz
Frequency response	100-14000 Hz
Audio Output	
Aux OUT1	XLR-3M, transformer balanced
Output level	max. +8 dBu
Output impedance	≤ 200 Ω
Signal to noise ratio	78 dBA
Frequency response	100-14000 Hz
THD+N	≤ 0.05 % (1.5 dBu)
Aux OUT 2-6	15-pole sub-D, unbalanced
Output level	max. +0 dBu
Output impedance	< 100 Ω at 1 kHz
Signal to noise ratio	max. 83 dBA
Frequency response	100-14000 Hz
THD+N	≤ 0.5 % (1.5 dBu)
Headphone	
Output power	max. 90 mW at 32 Ω
Signal to noise ratio	75 dBA
Frequency response	100-14000 Hz
THD+N	≤ 0.2 % (0 dBu)
Power	
Mains Voltage	110-230V AC 50-60 Hz
Current Consumption	max. 3.5 A (230VAC), max. 7 A (115VAC)
Fuse	3.15 A (230VAC); 7A (115VAC)
Output Voltage	48V (Port 1-6)
Environment usage and dimentions	
Operating temperature	+5 ... +50 °C
Fan Noise	48 dBA SPL (1m)
Dimensions (mm)	483 (19"), 132 (3U), 213 (d)
Weight (g)	± 6 kg
RoHS Compiant	✓

CPU5500

CENTRAL UNIT

Art. 71.64.5004

For large installs, a virtually unlimited number of extension units and power supply units can be added to accommodate a virtually unlimited number of participants in the system.

As standard, the CPU5500 comes with 6 analog outputs and 2 analog inputs to connect various analog equipment, such as an infra-red language distribution system, a PA system, a N-1 hybrid coupling, etc...

Front Panel Controls

To allow the user to configure the conference parameters an interface consisting of an LCD display, a jog wheel and selection buttons is integrated in the front of the unit. In addition, 8 status LEDs are provided that visualise some important status levels.

Description

The CPU 5500 Central Unit is the heart of the Televic TCS 5500 digital conference system. This sophisticated unit can operate in stand-alone mode or with a control PC connected. It allows complete control over all aspects of the conference system: microphone management, simultaneous interpretation, language distribution, voting and audience interaction…

The LAN network connectivity allows to easily integrate the conference system in a networked environment. Communication between the central unit, one or more control PC's, slave PC's and video display PC´s can be easily established via LAN cabling and the most commonly used protocol in the world: TCP/IP.

In stand-alone mode, the CPU5500 can provide basic conference management functions, including basic voting. With one or two control PC's (one for the complete system or one for the microphone system and one for the simultaneous interpretation system), even the most advanced applications are possible with the powerful TCS 5500 software modules.

A monitoring loudspeaker is installed behind the front panel allowing the operator to listen to a selectable channel. A 3.5 mm stereo headphone connector allows the operator to bypass the loudspeaker.

Connectivity
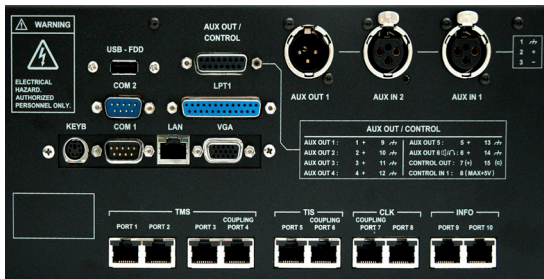
- Four RJ45 connectors for the TMS digital bus, allowing to connect 4 branches of digital interfaces directly to the unit.

- Two RJ45 connectors for the TIS digital bus

- LAN (Ethernet) connector for networking and control communication purposes

- Two RS 232 connectors for camera control, operator desk and bode unit connectivity

- Two RJ45 connectors for clock distribution to Extension Units

- One balanced audio output on XLR

- Two balanced audio inputs on XLR

- Six unbalanced analog outputs on D15

- For service applications
    - USB-FDD connector
    - (S)VGA connector
    - Keyboard connector
    - Parallel port connector

Options

- Digital audio INPUT and OUTPUT (AES/EBU) BNC and Fibre connector   (71.61.0071)

- Opto-coupler board for room coupling applications   (71.61.0081)

Specifications

Technical Data	
Dimensions (mm)	132.1(h) or 3U 483(w) or 19" 213(d)
Weight (g)	+/- 8.200
Colour	RAL7021 (Matt Black)
Housing	Metal
Part Number	71.64.5004

Data Sheet

SPL5525

DIGITAL SIGNAL SPLITTER

Art. 71.67.5035

Connectivity

- Four 8-pin shielded RJ45 connectors each for a chain of max. 20 mobile delegate units or integrated delegate panels for flush mount

- Two 8-pin RJ45 connectors for the TMS digital data bus (IN and OUT)

- Two power supply connectors (IN and OUT)

Accessories

- Digital bus cable YPC to interconnect Digital Signal Splitters. This cable is also used to daisy-chain mobile delegate units or integrated delegate flush mount panels, and to connect to the central unit.

YPC1	1m	(71.67.4001)
YPC2	2m	(71.67.4002)
YPC5	3m	(71.67.4005)
YPC10	10m	(71.67.4010)
YPC20	20m	(71.67.4020)

- Fully assembled Power Supply Cable, ready for use:

PW2	2m	(71.67.4102)

- Male power connector for mounting on custom cable.
One connector consists of a base part and a cover part.
(2 sets are included in the delivery):

Base part	(05.70.0153)
Cover part	(05.70.0155)

Description

The Digital Signal Splitter SPL5525 allows connection of 4 chains of mobile delegate units or integrated delegate flush mount panels to a TCS5500 system.

The splitter interfaces are connected to the central unit in daisy chain.

Replacement of a defective splitter interface can be effected without shutting down the system ("hot swapping").

The splitter needs to be powered seperately with 48V, supplied by the CPU5500 or by a power supply PS5500

Specifications

Technical Data	
Dimensions (mm)	85 (h) x 173 (w) x 43.5(d)
Mounting	See drawings on reverse
Weight (g)	+/- 950
Colour	Stainless steel
Housing	Metal
Part Number	71.67.5035

Power Cable Layout

Power Cable (3 x 2,5mm² min.)
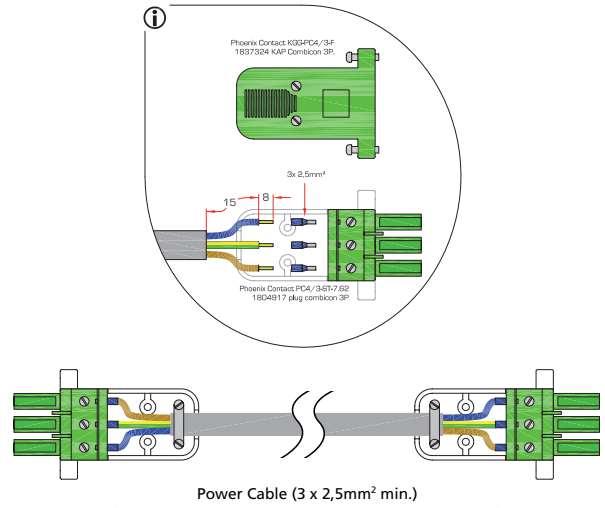
Dimensions

Accessories

Data Sheet
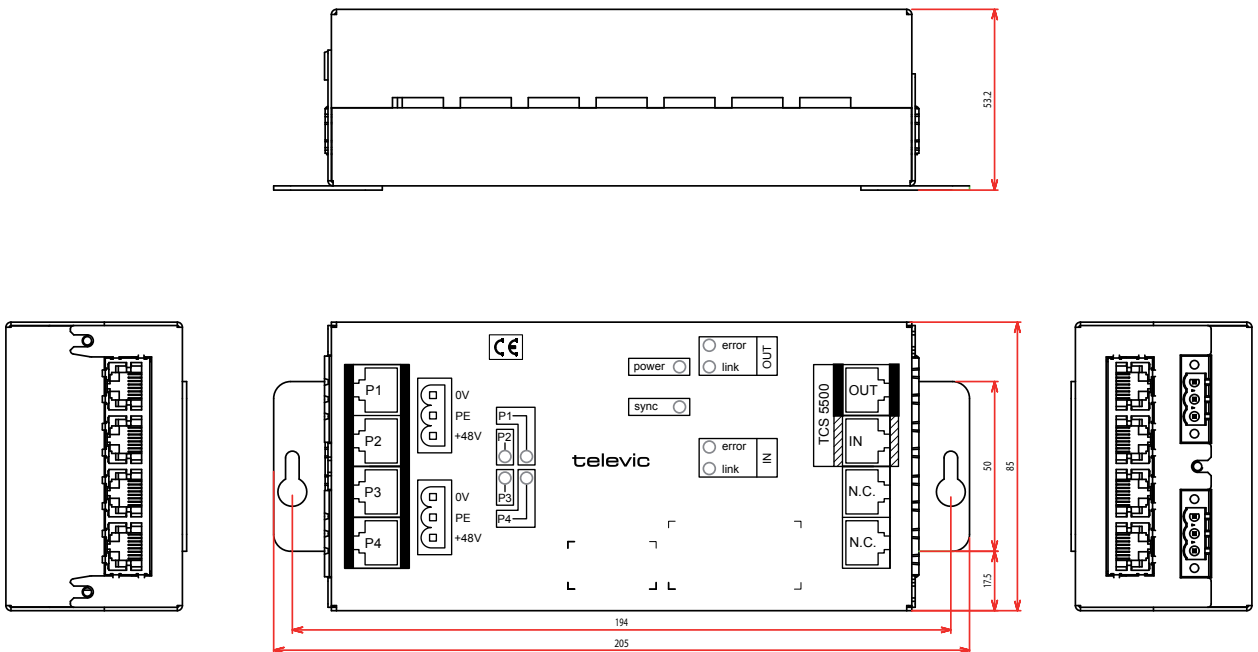
DELEGATE HEADPHONES

Art. 71.04.0151

Connectivity

- 1.5 m connection cable with 3.5 mm mono jack connector.

Accessories

- Pair of hard ear shells for optimal hygiene fitting the TEL151 (13.10.0151)

Description

The TEL151 lightweight dynamic delegate headphones were especially developed for modern conference applications.

Controls and Features

- Excellent intelligibility and speech reproduction
- Adjustable headband
- Rotating ear cups with replaceable foam ear pads for comfort and convenience
- Hard ear shells available as an option
- Light pressure on ear, ensuring hours of comfortable wear
- Single steel core cable, causing minimum disturbance to the user

Specifications

Technical Data	
Transducer principle	Dynamic
Frequency Response)	20 Hz – 20 kHz
Impedance	150 Ohm
Sensitivity	105 dB/mW (+ 3 dB at 1 kHz)
Nominal input	40 mW
Load rating	100 mW
THD	Less than 0.3 % (200 Hz – 2 kHz)
Contact Pressure	Lower than 2.5 N
Weight (g)	+/- 80 g
Part Number	71.04.0151

Data sheet

TEL10

INTERPRETER HEADPHONE

Art. 71.04.1214/1215

Connectivity

- 1.5 m connection cable made of steel with 3.5 mm mono jack connector
- Angled 6.3 mm mono jack available upon request

Description

The TEL10 professional dynamic headphones were specifcally developed for simultaneous interpretation applications

Controls and Features

- Excellent intelligibility and speech reproduction
- Adjustable steel wire headband.
- Hygienic, smooth ear cups for comfort and convenience
- Light pressure on ear, ensuring hours of comfortable wear
- Single cord, causing minimum disturbance to the user

Specifications

Technical Data	
Transducer principle	Dynamic
Frequency Response	100 Hz – 13 kHz
Impedance	360 Ohm
Sensitivity	98 dB/mW
Load rating	200 mW
THD	< 1 %
Contact Pressure	< 2.5 N
Weight (g)	+/- 90 g
Part Number	71.04.1214: 360 Ohm, avec jack 3,5 mm
	71.04.1215: 360 Ohm, avec jack 6,35 mm

televic
conference

CC5500

MEMORY CHIPCARD
Art. 71.04.0200

Description

The Televic memory chipcard CC5500 garanti une identification des délégués trés facile et permet d'allocation libre dans la salle de conférence.

They can be customised as follows (per min 100 pieces):

- only a serial number

- a company or congress centre logo

- the delegate's name, and other personal data

- a photograph of the delegate

- a combination of the 4 previous items

To program the CC5000 the appropriate software package (S-VB) is needed.

No particular programming card encoder required.

Specifications

Technical Data	
Standard	ISO 7816-2
Dimensions (mm)	85.6 , 53.98, 0.8
Memory capacity	2000 kbit
Colour	White
Personalisation	Optional
Part Number	71.43.2000