

**CW-482x ASI DISTRIBUTOR**  
**CW-483x ASI SELECTOR**



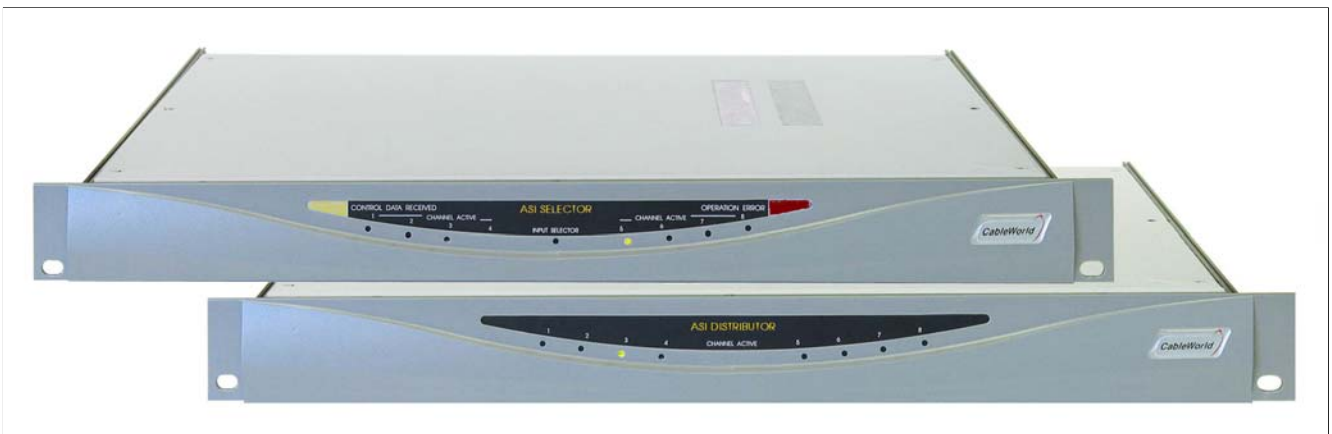
*In digital television systems, assembling and distributing the program packets and transmitting the transport stream between the parts of the system requires the use of signal distributors and signal selectors, similarly as in analogue systems. In DVB systems, transmission of the transport stream is made more and more through 270 Mbit/sec ASI (Asynchronous Serial Interface) connection only.*

*The CW-482x ASI DISTRIBUTOR series is based on a bridged input ASI module, a double output ASI module and a unit, which implements the effective operation of the distributor by creating the interconnections between those ASI modules.*

*The module system permits the configuration of different distributors with 1 input and 3, 5, 7 and more outputs. From the versions with lower number of connectors multiple individual distributors can be accommodated in the 19" rack frame.*

*The CW-483x ASI SELECTOR series is built of the same modules. The inputs are of bridged type here, too. Any of the inputs can be selected to the output, which is of doubled type. Selection of the desired input can be made both from the front panel and by control via the CW-Bus or the Internet.*

*All inputs and outputs of the units are separated from the frame by transformers.*



**Main features:**

- Processing of both continuous and burst format ASI signals
- Bridged ASI transport stream inputs
- ASI SELECTORs with double ASI output
- ASI parameters complying with TM 1449 Rev.1.
- All inputs and outputs separated from the frame by transformers
- ASI DISTRIBUTOR versions:
  - 1 × 1 to 17, 1 × 1 to 7, 2 × 1 to 7, 1 × 1 to 5, 3 × 1 to 5, 1 × 1 to 3, 4 × 1 to 3
- ASI SELECTOR versions:
  - 1 × 1 from 8, 1 × 1 from 3, 2 × 1 from 3, 1 × 1 from 2, 3 × 1 from 2
- Remote control and monitoring through the CW-Bus and the Internet

## Technical data

### CW-482x ASI DISTRIBUTOR versions

Type	Number of distributors in the frame	Number of inputs	Number of outputs
CW-4821	1	1	3
CW-4822	4	1	3
CW-4823	1	1	5
CW-4824	3	1	5
CW-4825	1	1	7
CW-4826	2	1	7
CW-4827	1	1	17

### CW-483x ASI SELECTOR versions

Type	Number of selectors in the frame	Number of the bridged inputs	Number of the double outputs
CW-4831	1	2	1
CW-4832	3	2	1
CW-4833	1	3	1
CW-4834	2	3	1
CW-4835	1	8	1

At orders of higher quantities customised versions are negotiable.

**Input signal** DVB standard ASI TS

**Output signal** DVB standard ASI TS

#### Input data

##### ASI input (ISO/IEC 13818-1, TM 1449 Rev. 1.)

Input data rate 270 MBaud  
Minimum input voltage 140 mVp-p  
Input impedance 75 Ω

##### ASI bridged output (ISO/IEC 13818-1, TM 1449 Rev. 1.)

Output data rate 270 MBaud  
Output voltage typically 800 mVp-p  
Nominal output impedance 75 Ω

#### Output data

##### ASI output (ISO/IEC 13818-1, TM 1449 Rev. 1.)

Output data rate 270 MBaud  
Output voltage typically 800 mVp-p  
Nominal output impedance 75 Ω

#### CW-bus connection

The CW-483x ASI SELECTOR can be connected to the RS-485 level CW-Bus and controlled through the bus. The control software for PC can be downloaded from the [www.cableworld.hu](http://www.cableworld.hu) web site.

#### General data

Service period continuous  
Power requirement 230 V + 10 % / -15 %  
50 / 60 Hz  
Power consumption max. 25 VA  
Types of the connectors  
TS ASI input, output insulated BNC socket,  
separated by transformer  
CW-Bus connection RJ -12  
6-pole telephony socket  
Physical dimensions  
Width 483.0 mm  
Height 43.6 mm  
Depth 473.0 mm  
Operational temperature range  
- To fulfil the specifications 0 ... +35 °C  
- To maintain operation 0 ... +40 °C  
- Relative humidity max. 80 %  
Storage temperature range -25 ... +45 °C  
- Relative humidity max. 80 %  
non-condensing



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