

Description

- Digital Broadcasting unit is a card type control device for large capacity equipment.

Features

- It is composed of main self which CPU and power supply are allocated. Each card unit works as communication control (RS-232C/ RS-422), input/output, volume up/down and IR control.
- Maximum 11 cards can be installed in main shelf and it can be composed by expanding shelves.
- Cards from main shelf can be replaced any moment if necessary, so it is possible to provide fast after sales service.

Panel Drawing



MDBU-300S

Digital Broadcasting Unit



Equipment Overview & Function

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■ Specifications

- Main Shelf [MDBU-301MAIN]
 - Board rear insert type
 - Number of card : max 11EA Cards
 - Enclosure Type : Aluminum
 - Type : 19" Rack type
 - Dimensions : 483(W) * 133.5(H) * 300(D) mm
 - 1) Power Supply
 - Supply power to each card which is inserted into MDBU(301MAIN).
 - Input power : AC 85V ~ 246V free volt
 - Output power : DC +12V, DC -12V
 - 2) CPU Card
 - CPU card takes data from MDBU-301Main and processes to manage MDBU-300S comprehensively.
 - CPU : 80C52
 - Memory : 32K
 - Serial port : RS-232/422 2 Port (Main and SUB)
- Com Card [MDBU-302COM]
 - Interface device between main unit and external communication devices which takes data from CPU card and transmits to the specific port.
 - Serial port : RS 232C 3 port (RS-422: need to be adjusted) D-SUB connector with 3 each card is available at rear panel (extension slot available)
 - CPU : 80C52
 - Memory : 32K
 - additional card available for extension
- Input Card [MDBU-303IN]
 - Transmission card which takes specific data of contact, sensor, power and sends to CPU card.
 - number of contact point : 16 Port
 - CPU : 89C52
 - additional card available for extension
- Output Card [MDBU-304OUT]
 - Transmission card which takes data from CPU and sends to specific external devices via contact point.
 - number of contact point : 9 Port
 - output power : DC 24V 1A
 - additional card available for extension
- IR Card [MDBU-305IR]
 - control card for devices which are operated by remote controller such as VTR, DECK, DVD
 - IR Port : 4 Port (IR and Serial Control)
 - CPU : 80C52
 - additional card available for extension

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MDBU-300S

Digital Broadcasting Unit



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- Volume Card [MDBU-306VR]
 - Volume control card adjusts the level of volume for remote controlled devices by connecting amplifier.
 - Controls the level of volume via touch screen(operating software) or key pad by taking data from main control CPU.
 - CPU : 89C52
 - number of volume control port : 3port (M : 1ch, ST : 2ch)
 - additional card available for extension
- LAN Card [MDBU-307LAN]
 - LAN card enables to manage MDBU-300S generally. It receives card data and processes.
 - CPU: 89C52
 - Memory : 32K
 - Serial Port : RS-232 (or RS-422 Setting) 1 Port
 - LAN Port : 1Port
 - Protocol : TCP/UDP/IP/ICMP/ARP/TELNET/DHCP
 - LAN : 10Base-T Ethernet
- W/L Card [MDBU-307WLAN]
 - W/L LAN card enables to manage MDBU-300S generally. It receives card data and processes.
 - CPU : 89C52
 - Memory : 32K
 - Serial Port : RS-232 (or RS-422 Setting) 1Port
 - IEEE802.11b wireless LAN support
 - Protocol : TCP/UDP/IP/ICMP/ARP/TELNET/DHCP
 - Lan : 10 Base-T Ethernet

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