

N-8000DI CU

DIRECT SELECT UNIT



The N-8000DI is a Direct select unit designed for use with TOA's packet intercom system (IP network-compatible intercom system) that employs the packet audio technology. It is equipped with each 32 contact inputs and outputs, and the indicators on the front panel indicate the output statuses. Connecting the unit to the LAN permits the calling station display, external equipment control, and direct selection function to be realized. It can be mounted in an EIA equipment rack (1U size) with the use of an accessory rack mounting bracket or installed on a wall using an optional wall mounting bracket.

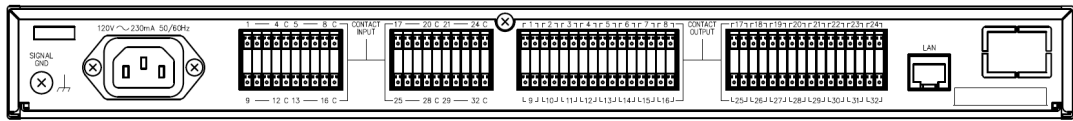
Key features

- 10 Base-T / 100 Base-TX Ethernet network connection
- 32x Contact Input / 32x Contact Output
- Function to diagnose system line and network status

Specifications

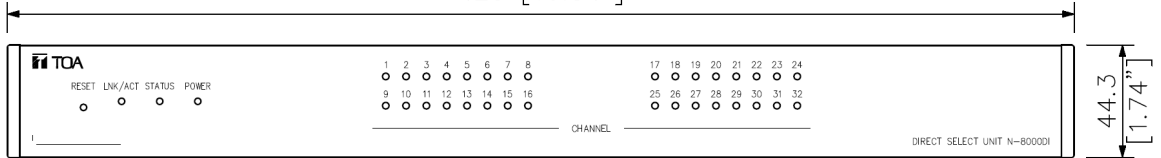
Power Source	120 V AC, 50/60 Hz
Power Consumption	16 W (max.)
Contact Input	32 inputs, no-voltage make contact input, open voltage: 24 V DC, short-circuit current: 5 mA or less, removable terminal block (20 pins) (1 common terminal for 4 inputs)
Contact Output	32 outputs, relay contact output, contact capacity: 24 V DC/2 - 500 mA, removable terminal block (32 pins)
Network Section	Network I/F: 10BASE-T/100BASE-TX (Automatic-Negotiation) Network protocol: TCP/IP, UDP, HTTP, RTP, ARP, ICMP, IGMP Connector: RJ45 connector
Indicator	Network LNK/ACT indication, Status lamp, Power-on indication lamp, Channel indication lamps (32 channels)
Other	Firmware update function, System data hold function, Time of day hold facility, Reset switch (front panel)
Installation Method	Rack, Desk, Surface mount
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Pre-coated steel plate, black, 30 % gloss
Dimensions	420 (W) x 44.3 (H) x 267 (D) mm (16.54" x 1.74" x 10.51")
Weight	2.8 kg (6.17 lb)
Included Accessories	Power cord (2 m (6.56 ft) ...1, CD (for PC setting, maintenance use) ...1, Removable terminal plug (10 pins) ...4, Removable terminal plug (16 pins) ...4, Plastic foot ...4, Screw for fitting plastic foot ...4, Rack mounting bracket ...2, Screw for mounting bracket ...8, Screw for rack mounting ...4
Optional Accessories	Wall mounting bracket: YC-850

Dimensions

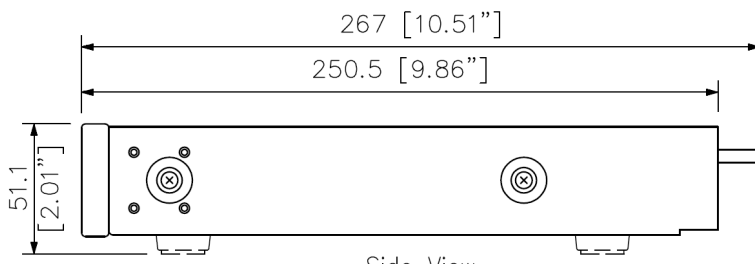


Rear View

420 [16.54"]



Front View



Side View

UNIT: mm

A&E specifications

The direct select unit is designed for use with TOA's packet intercom system (IP network compatible intercom system) that employs the packet audio technology and can be connected to an existing local area network (LAN) or wide area network (WAN). Network shall be made possible using RJ45 connection via a switching hub. Network interface shall be I/F 10BASE-T/100BASE-TX (Automatic-Negotiation) Auto MDI/MDI-X compatible Network Protocol TCP/IP, UDP, ARP, ICMP, HTTP, RTP, IGMP.

The direct select unit shall have 32 contact inputs and outputs via removable terminal plugs located at the rear of the unit and the relating indicator lamps on the front panel shall depict the output status. Connecting the unit to a LAN via its RJ45 connector permits the channel status indicator to display external control equipment and direct select function to be realised.

The direct select unit shall have additional indication lamps on the front panel displaying: LNK/ACT lights green when connected to a network, and flashes while transmitting or receiving data. STATUS continuously lights red while data is written to an internal storage medium. POWER lights green when power is supplied to the unit. CHANNEL STATUS INDICATOR lights green when contact output is on. There shall be a RESET key on the front panel to reactivate the unit. The direct select unit shall be able to interlock with an electronic lock system or CCTV surveillance system by way of the contact input/output control function.

The direct select unit shall have set time system diagnosis using contact control outputs to indicate the line and network status. Line status shall indicate; CPU failure, line synchronisation error and station number registered but not connected. While network status shall communicate with the network-connected equipment such as exchanges, interface units, or IP stations. No response will indicate in a failure. The direct select unit shall include dedicated software that will enable centralised control, log verification and system maintenance from a personal computer. Line supervision can also be performed using a personal computer and Internet browser. Power requirements shall be 220 – 240V AC.

It shall use only one EIA component rack space and its dimensions shall be 420 (W) × 44.3 (H) × 267 (D) mm (16.54" × 1.74" × 10.51") Weight shall be 2.8 kg (3.75 lb.) and finished in black pre-coated steel plate. Alternatively, the unit can be wall mounted
Optional extras: YC-850 wall mounting bracket manufactured by TOA Corporation.