



The Complete ISDN Solution for Attendant Applications.

Attendant Call Processing with the Power of ISDN.

The Tone Commander 40d120 and 2260d are advanced attendant console systems that take full advantage of the cost efficiency and features available with Integrated Services Digital Network (ISDN) technology. The consoles are self contained; no backroom CPU or NT1 is required.

These consoles are designed to simplify call processing. All calls are handled over a single loop. Ringing calls are presented to the attendant in a predetermined priority based on call type, and are answered by pressing a single Answer key. Integral station Busy Lamps and Direct Station Select keys make call transfers quick and easy.



40d120 Console
(120 station configuration shown)



2260d Console

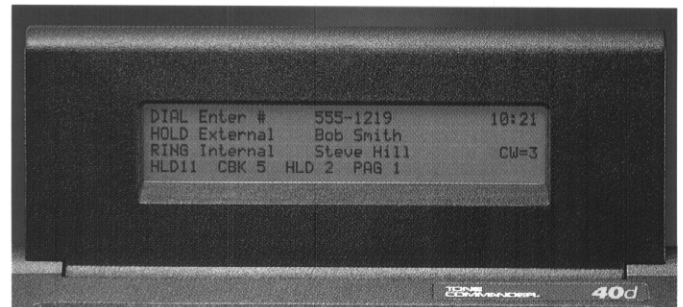
The 2260d includes DSS keys and busy lamps for 60 stations in a single console. For larger applications, choose the 40d120. One to four 120d consoles may be added to a 40d console to provide DSS keys and busy lamps for up to 480 stations.

LOW COST, EASY INSTALLATION.

Significant cost savings can be realized by replacing expensive multiple analog lines and their backroom crossconnects with a single ISDN "U" line. Installation is as simple as connecting a modular single-line telephone.

COMPLETE CALL INFORMATION AT A GLANCE.

A large backlit 4 line x 40 character display gives the attendant the name or telephone number and type of call for both the calling and called parties simultaneously. With the internal 1000 name database, callers can be identified by name when only directory number information is sent by the network. No need to remember which party a caller is waiting for – call information can be instantly displayed for any held call.



THE TONE COMMANDER ISDN SOLUTION.

Tone Commander 40d120 and 2260d consoles provide a complete call processing solution – with either National or AT&T Custom ISDN lines and supporting any type of analog or digital Centrex station.

2260d / 40d120 Features

Works with All ISDN Versions

The 2260d and 40d120 are compatible with AT&T, Nortel, and Siemens National ISDN, and AT&T Custom ISDN services. User operation is uniform on all network platforms – no cross training is required.

Enhanced Incoming Call Identification

The caller's name is displayed when sent from the network or found in the console's internal database. Also shown are the type of call (internal, external, outgoing, call forward, hold recall, etc.) and current call state (dialing, talking, ringing, hold, etc.).

Programmable 1000 Entry Calling Name Database

Up to 1000 names may be stored in an internal database, allowing identification of callers when only directory number information is sent from the network. Custom name displays can also be entered for commonly dialed numbers or DSS keys.

Computer Telephony Integration

Calls can be managed from a TAPI-compliant Windows application for PC screen-based console operation. A corporate information database can be linked to incoming and outgoing calls to provide directory-based services.

Prioritized Ringing Calls

Ringing calls and timed reminders are prioritized for sequential answering by user determined call priority. Up to nine call queues may be defined for various incoming call types such as recall, internal, external, call forwarded; or by called number.

Single Key Answering

Ringing calls are answered in order of priority by pressing the Answer key.

Flexible Call Screening

The attendant can announce calls and converse with a station party privately before transferring a call, or transfer calls without announcing, to meet the individual needs of each call.

Programmable Delayed Ringing

A backup console can be set to ring when calls are unanswered at the primary console. Ring delays are user programmable and can be toggled on or off with a single key.

Automatic Call Splitting

The attendant is automatically connected to the second party when a DSS key is pressed for call transfer. A Split key toggles between calling and called parties.

Automatic Call Hold

Calls are automatically placed on hold when a new call is answered.

Held Call Timed Reminders

Calls left on hold will alert the console after a predetermined time. The length of time calls have been on hold is always shown in the display.

Held Call Polling

Call information for held calls can be displayed by polling the hold loops.

Direct Station Selection

Large, easily labeled keys provide quick access to stations for transferring or originating calls. Unused keys can be programmed to autodial frequently called numbers.

Voice Mail Access

Each DSS key can directly access an individual voice mailbox to enable complete voice mail integration.

Flexible Busy Lamp Field

Individual status lights for each station show on-hook, off-hook, and ringing states. For multiline ISDN stations, status information is provided for individual call appearances. Busy lamps can be flexibly mapped to match any network configuration.

Station Call Pickup Key

Ringing station calls can be answered immediately, before recall, with the Pickup key (not available with Nortel National ISDN-1 services).

Single Key Call Forwarding

Calls to the console can be forwarded to voice mail, a night chime, or another extension with the Call Forward key.

Soft Key Assignment

Programmable call processing keys can be customized as desired or remapped to match a network feature button map.

Console Management Information

Statistics such as average call time, average hold time, average response time, and number of abandoned calls, hold recalls, and slow answered calls are tracked to evaluate and optimize call handling.

Built-in Network and Console Diagnostics

Network related errors are recorded to aid in trouble analysis. Diagnostic displays show ISDN line states and allow individual call appearance testing.

PC Connection for Maintenance and Diagnostics

Key assignments, DSS numbers, and calling name database may be programmed on an IBM-compatible PC. Information can be entered directly or loaded from stored configurations. Console statistics and diagnostic error logs are accessible via the PC.

Single Line per Console

Each console requires only one Basic Rate ISDN line for accessing multiple call appearances and features.

Built-in NT1

The console connects directly to an ISDN "U" interface. No external network termination devices (NT1s) are required.

Ancillary Device S/T Interface

An unpowered "S/T" interface is provided for line monitoring equipment.

Self Contained, No Backroom CPU

All electronics are contained in the console. The only required external equipment is a power supply.

Specifications & Ordering Information

Console Capacities

2260d Console: 22 call appearances/Single loop queued presentation, 60 stations

40d Console: 22 call appearances/Single loop queued presentation

120d Console: 120 stations per console. Up to four may be used with each 40d for a maximum capacity of 480 stations.

Cabling

2260d: 1 pair (U), 2 pairs for optional remote power, 8 position modular jack

40d and 120d: 3 pairs to each console (U and power), 8 position modular jack

Signaling Method

U Interface: ANSI/Bellcore standard 2B1Q

Standards Compliance

ANSI T1.601-1992 and T1.605-1991

National ISDN, AT&T 5ESS Custom ISDN

FCC Part 15, Part 68

UL 1459

Hearing Aid Compatible

Power Requirements

2260d Desktop Power Supply

Input: 120 VAC 10%, 60 Hz @15 W max.

Output: 48 VDC @ 0.2 A

102612 Power Supply (compatible with 40d, 120d, and 2260d consoles)

Input: 120 VAC 10%, 60 Hz @40 VA max.

Output: 48 VDC @ 1 A per console

Physical Dimensions

2260d Console: 6.5" H x 11.5" W x 10.5" D

Desktop Power Supply: 2.2" H x 2.7" W x 3.4" D

40d Console: 6.5" H x 11.5" W x 10.5" D

120d Console: 3.5" H x 10" W x 10.5" D

102612 Power Supply: 5" H x 8.5" W x 3" D

Weight

2260d Console: 4.4 lbs.

Desktop Power Supply: 1.9 lbs.

40d Console: 4.4 lbs.

120d Console: 2.8 lbs.

102612 Power Supply: 5.2 lbs.

Environmental

Operating temperature: 32° to 122°F (0° to 50°C)

Humidity: 5% to 95% non-condensing

tone COMMANDER®

Tone Commander Systems, Inc.

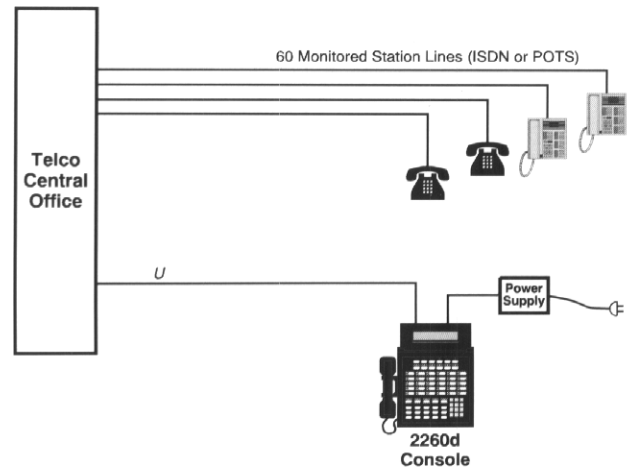
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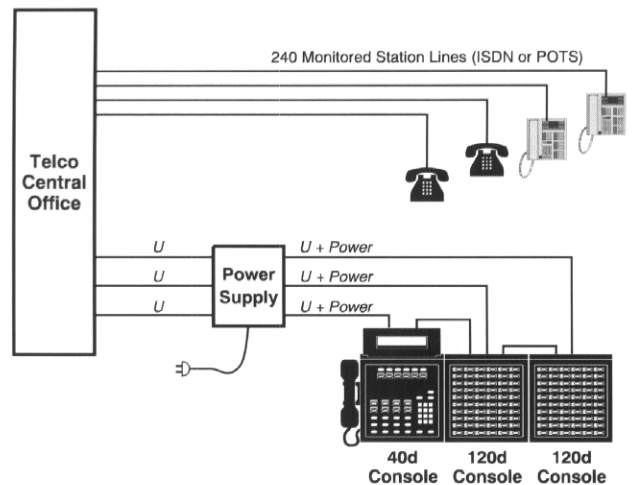
(800) 524-0024, (425) 349-1000, Fax (425) 349-1010

www.tonecommander.com

Typical 2260d Installation



Typical 40d/120d Installation



Ordering Information

Model #	Description
2260d Console	Call Processing Console with DSS/BLF, includes Desktop Power Supply.
40d Console	Call Processing Console.
120d Console	Direct Station Select / Busy Lamp Field Console for 120 stations. Up to four 120d consoles may be used with each 40d.
102612	Local/Remote Power Supply, three console capacity (compatible with 40d, 120d, and 2260d consoles).
PA-40	Dial Access Paging / Chime Module for POTS Centrex line. Integrated single key access can be provided with 2260d or 40d console.