

FEATURES

- Modern styling
- Colour "Flow Chart" graphics
- Two-channel intercom/program communications
- LED program level indicator
- Privacy tone
- Class Change Tone Signals
- Emergency All-Call
- 12-watt intercom/60-watt program amplifier

DESCRIPTION

Housed in an attractive, compact, sloped cabinet, the 125-3 School Communication System is ideal for small and medium sized schools requiring intercom and program distribution facilities.

Equipped for 25 classrooms, the 125-3 system may be expanded to handle up to fifty rooms by the addition of an SB103-25 Selector Panel. Spare panel space is also provided for an optional AM/FM/Cassette Player, which can be added to the system.

The System utilizes colour "flow chart" graphics which guide the user through the system

operation. These visual guidelines allow the operating personnel to effectively use the equipment with ease and flexibility.

Clear and concise two-way communications between the classroom and the control console is attained. Individual LED annunciation provides a visual indication of all classroom calls. Built-in privacy circuitry prevents unauthorized monitoring of classroom activities.

Program material may be distributed to selected rooms or to all-rooms. Control panels are equipped with 2 microphone inputs, phono, tuner, and an auxiliary input, providing for a wide range of input sources. An LED program meter monitors the program channel assuring that proper program transmission levels are maintained.

Program or paging announcements may be transmitted to all classrooms by means of a single pushbutton actuation. Facilities for remote activation of the All-Call function are provided from the remote microphone locations (eg. Principal's office). Emergency All-Call announcements are initiated by pressing the red "Emergency" All-Call button and speaking into the monitor speaker. The emergency function has automatic priority over any previously selected program, which assures quick, positive response to any emergency situation.

A built-in tone generator, controlled by the school's master clock, transmits a tone to each classroom for class changes, recess periods, etc.

ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The Desk-Top Control Console shall be an EDCOM model 125-3 or approved equal. The Control Console shall contain all required electronics for performing all functions listed herein for 25 room stations with expansion capabilities to 50 room stations.

The 125-3 Desk Top Control Console shall perform the following functions:

1. Direct 2-way communications between the Control Console and any locations equipped with room stations or speakers.
2. Facilities for automatically sounding a supervisory tone signal to room stations or speakers selected for 2-way communications, in order to prevent unauthorized monitoring. The tone shall repeat at regular intervals whenever a location is being monitored.
3. Facilities for call origination to the Control Console from room stations equipped with call originating switches. Calls shall be

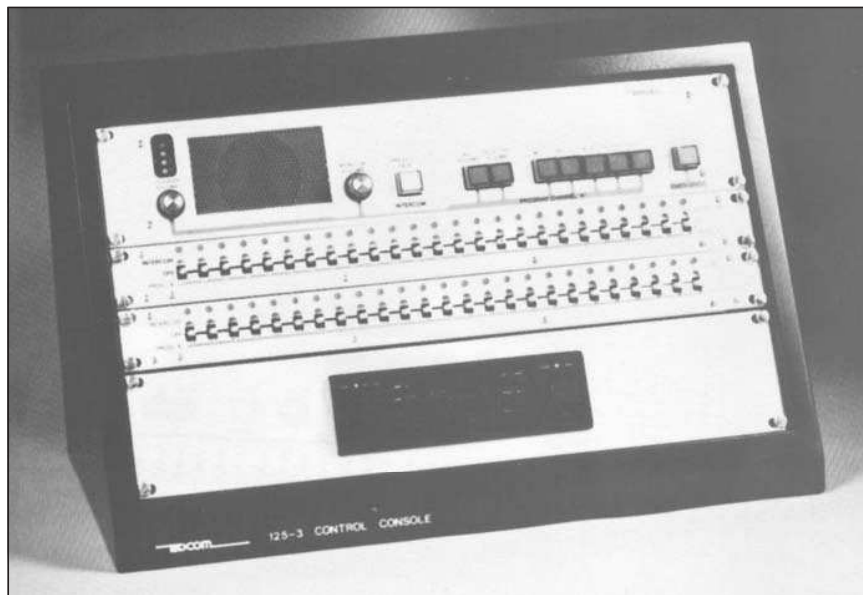
annunciated by tone signal and LED illumination on the associated room selector switch. The LED shall remain on until the call is answered. An optional, EDCOM model TR-1, Tone Repeater Unit may be included to repeat the tone signal at the control console until the call is answered.

4. Facilities to prevent the Control Console from monitoring any room station or speaker location whose call switch has been placed in the "privacy" position.
5. Distribution of voice announcements from the Control Console to selected or all room stations or speakers.
6. Selective distribution of program material to any or all room stations or speakers.
7. Ability to transmit program material or voice announcements simultaneously to all room stations or speakers by the operation of a single All-Call switch.
8. Separate inputs for two low impedance microphone and three high impedance program sources (tuner, phono, aux). Program selection shall be accomplished by the operation of desired pushbutton switch.
9. Facilities for the distribution of emergency messages to all locations equipped with room stations or speakers, by pressing the single red pushbutton. This operation shall override all previously selected programs and controls and transmit the emergency announcement.
10. Visual and Aural monitoring of all program material through the built-in LED indicators and monitor speaker.
11. The Control Console shall be capable of automatically distributing a tone signal to all locations for class change signalling. The tone signals shall be initiated by an external contract closure.
12. Facilities shall be provided for initiating the distribution of a preselected program material from a remote location by means of a contact closure.
13. Facilities to accommodate a 7-tone, signal generator, for the distribution of specialty tone signals (fire alarm, weather alert, etc.)

The 125-3 Desk Top Control Console shall include two separate amplifiers. The intercom amplifier shall have an output rating of at least 12 watts RMS with a shaped frequency response for maximum intelligibility and articulation. The program amplifier shall be capable of producing 60 watts RMS with a frequency response of 50 to 15,000 Hz., +/-3 dB. Both amplifiers shall provide a balanced 25 Volt line level, output signal.

The Control Console shall include a 25 station, three position selector panel, (Intercom-Off-Program) for selective intercom and program communications. The Control Console shall include a 25 station, three position selector panel, (Intercom-Off-Program) for selective intercom and program communications. The Control Console shall be capable of facilitating an additional selector panel, expanding the system capacity to 50 stations.

The Control Console shall provide 3-1/2" (88.9 mm) of vertical space to accommodate a TC-1PD



50 ROOM SYSTEM INCLUDING AM/FM/CASSETTE PLAYER

AM/FM/Cassette player.

The Desk Top Control Console shall be 21" (530 mm) wide X 11" (279 mm) deep X 13" (330 mm) high, and weigh no more than 27 lbs (12.2 kg). It shall be finished in a black, semi-gloss, splatter textured enamel.

125-3 DESK TOP CONTROL CONSOLE SPECIFICATIONS

Power Consumption	80 watts
Power Requirements	50/60 Hz, 115 VAC
Rated Audio Output	Intercom; 12 watts (25 Volt line level)
Frequency Response	Intercom; speech filtered for maximum clarity Program; 50 Hz to 15 kHz, +/-3 dB
Distortion	Less than 0.1%
Noise Levels	Microphone; -60 dB Auxiliary; -65 dB
Input Sensitivity	Microphone; 0.3 millivolts Auxiliary/Tuner/Phono; 250 millivolts
Controls	2 Microphone input selector switches 1 Tuner input selector switch 1 Phono input selector switch 1 Aux input selector switch 1 Selected rooms selection switch 1 All rooms selector switch 1 Emergency all call switch 1 Program level control 1 Monitor level control 1 Program output indicator control (rear panel)

Auxiliary Power	1 Intercom talk level control (rear panel) 1 Intercom listen level control (rear panel) 1 Microphone level control (internal) 1 Tone signal level control (internal)
Dimensions	15 VDC for TC-1PD, AM/FM/Cassette Player 8 VDC for SB103-25 Selector Panel 13" H X 11" D X 21" W 330 mm H X 279 mm D X 533 mm W
Weight Finish	27 lbs (12.1 kg) Cabinet; Black semi-gloss splatter textured enamel Front Panels; Brushed, clear anodized aluminum

PARTIAL LIST OF ASSOCIATED EQUIPMENT

SB103-25	Selector Panels
T-CDP	AM-FM Tuner/Compact Disc Player
MTG-7	Multi Tone Generator
TR-1	Tone Repeater
CHAP-25	Cable Harness
CK-25	Termination Kit

All product information subject to change without notice.

N.B. - Telecor Series 100 Systems may be configured from basic components to accommodate up to 500 room stations plus numerous optional features. Please consult with your local dealer or contact the factory direct.