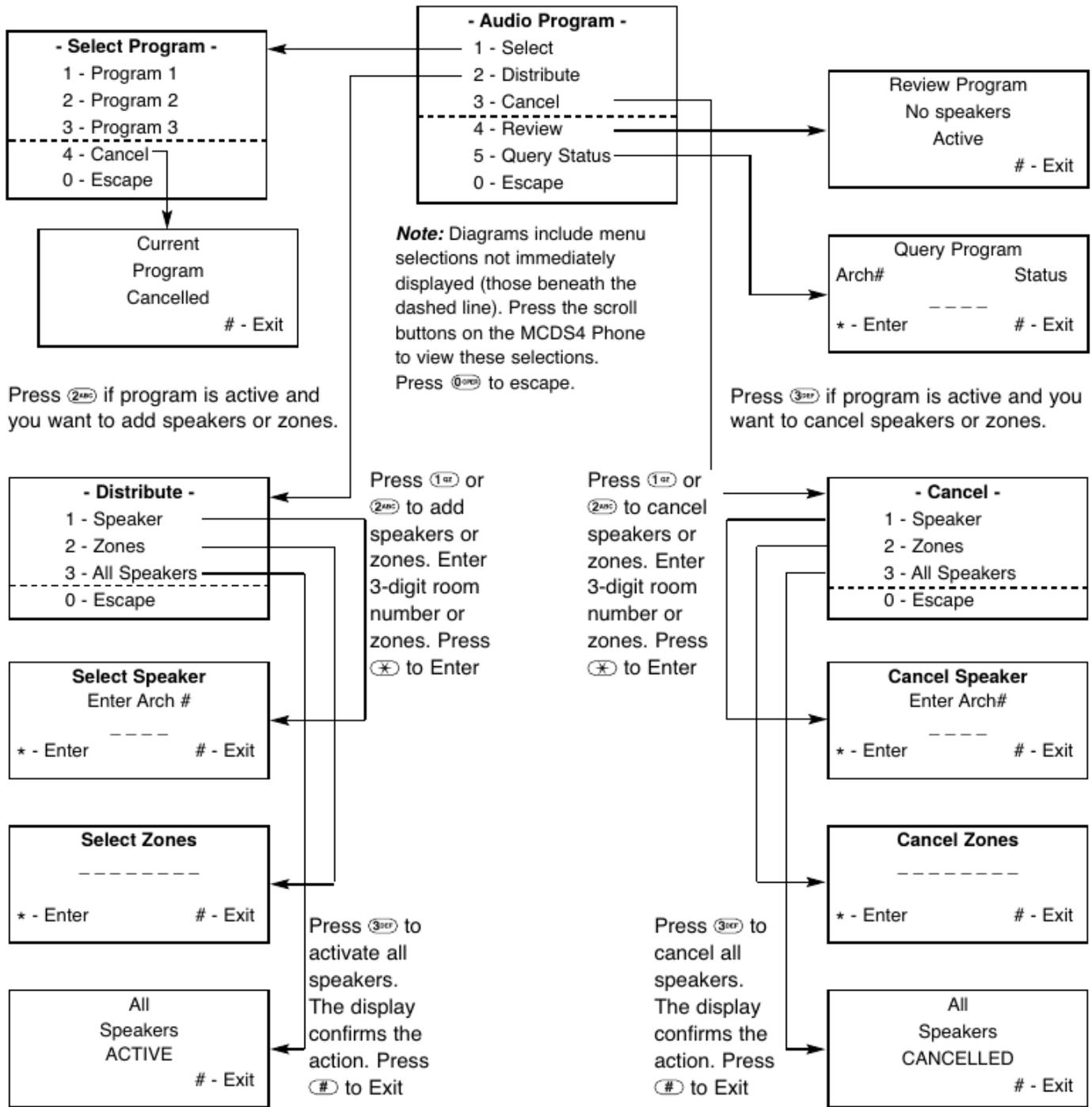# Table of Contents

Bogen Multicom 2000

The Bogen Multicom 2000 is the commonly used in TDSB schools for the PA system and phone intercom system. Over the years, I have experimented and found out a bit about how it works.

Audio Programs

Audio programs are how you can send audio from a auxiliary input to the speakers throughout the school. It can be added to individual speakers, or to combined zones.

A layout of the audio program menu is as follows:

- Select Program -
1 - Program 1
2 - Program 2
3 - Program 3
- - - - - - - - - - -
4 - Cancel
0 - Escape

- Audio Program -
1 - Select
2 - Distribute
3 - Cancel
- - - - - - - - - - -
4 - Review
5 - Query Status
0 - Escape

Review Program
No speakers
Active
- Exit

Current
Program
Cancelled
- Exit

Note: Diagrams include menu selections not immediately displayed (those beneath the dashed line). Press the scroll buttons on the MCDS4 Phone to view these selections. Press ⓪ to escape.

Query Program
Arch#   Status
_ _ _ _
* - Enter   # - Exit

Press ② if program is active and you want to add speakers or zones.

Press ③ if program is active and you want to cancel speakers or zones.

- Distribute -
1 - Speaker
2 - Zones
3 - All Speakers
- - - - - - - - -
0 - Escape

Press ① or ② to add speakers or zones. Enter 3-digit room number or zones. Press ✳ to Enter

Press ① or ② to cancel speakers or zones. Enter 3-digit room number or zones. Press ✳ to Enter

- Cancel -
1 - Speaker
2 - Zones
3 - All Speakers
- - - - - - - - -
0 - Escape

Select Speaker
Enter Arch #
_ _ _ _
* - Enter   # - Exit

Cancel Speaker
Enter Arch#
_ _ _ _
* - Enter   # - Exit

Select Zones
_ _ _ _ _ _ _
* - Enter   # - Exit

Cancel Zones
_ _ _ _ _ _ _
* - Enter   # - Exit

Press ③ to activate all speakers. The display confirms the action. Press # to Exit

Press ③ to cancel all speakers. The display confirms the action. Press # to Exit

All
Speakers
ACTIVE
- Exit

All
Speakers
CANCELLED
- Exit

At L'Am, we had a pre-amplifier/mixer in the office PA rack, that allowed us to send multiple devices through the same program input such as the microphones, Radio L'Am, CD Player, AUX cord, etc.

We had to run through setting it so the output of the preamp would be sent through the school every time it got deactivated.

To connect everything, we had the preamp hooked up to Program 2. Zone 1 was all speakers in the school (excludes outdoor and adult ESL speakers) that we used.

See How To Patch Radio L'Am To Classrooms for detaiils on this.

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