Analog Inputs:
- Number of Inputs: (6 Total-640/641) (12 Total-1260/1261)
- Connectors: Euroblock (Line and Mic), RCA (Source), S/PDIF (1260/1261 Only)
- Type: Electronically balanced/RF filtered
- Impedance: > 50kΩ Balanced, >75kΩ Unbalanced
- Max input line level: +20dBu Mic/Line, +12dBu RCA
- CMRR: > 40dB, typically >55db @ 1kHz
- Mic Pre gain: 30 to 60dB
- Mic EIN: < 118dB, 22Hz-22kHz, 150Ω
- Mic Phantom Power: 15V

Analog Outputs:
- Number of Outputs: (4-640/641) (6-1260/1261)
- Connectors: Euroblock
- Type: Electronically balanced, RF filtered
- Impedance: 120Ω balanced, 60Ω unbalanced
- Max Output Level: +20dBu

A/D Performance:
- Type: dbx Type IV™ conversion system
- Dynamic Range line: >113 dB A-weighted, >110 dB unweighted
- Type IV Dynamic Range: >119 dB, A-weighted, 22kHz BW
- >117 dB, unweighted, 22kHz BW
- Sample Rate: 48kHz

D/A Performance:
- Dynamic Range: 112 dB A-weighted, 109dB unweighted

System Performance:
- Dynamic Range: >109 dB A-weighted, >106dB unweighted
- THD+N: 0.003% typical at +4dBu, 1kHz
- Frequency Response: ...
- Input to output: >80dB
- Propagation Delay 0.6 msec
- Operating voltage: (100-120 VAC, 200-240 VAC 50/60 Hz - 640/641), (100-240 VAC 50/60 Hz - 1260/1261)
- Power Requirements: 29 Watts
- Physical:
  - Weight: 6.8 lbs. (3.1 kg)  Shipping weight 8.8 lbs. (4.0 kg)
  - Dimensions: 1.75" H x 5.75" D x 19" W

Safety Agency Certifications:
- UL 60065, IEC 60065, EN 55013, E 60065
ZonePro 640/641/1260/1261
Features

Example Applications

Complete Solution

FILE
The ZonePro allows importing and exporting of program files to the computer for later use in system duplication or off-line editing.

SCENES
Scenes are snapshots of the ZonePro configuration and parameters. Scenes can be stored and recalled from either the Real Time Clock or from Zone Controllers.

WIZARD
The Wizard function provides a quick and intuitive method of system configuration and setup. The Wizard allows setup of signal routing, controllers, and DSP selection.

INPUT
The input module allows input gain control, and in the first two inputs, Highpass Filter control is also available for reducing microphone handling noise or other undesirable sonic characteristics.

INPUT EQ
All the ZonePro inputs provide EQ. The first two inputs have a four-band parametric EQ for microphone tonal control, while the other inputs have a two-band parametric EQ for tonal shaping of the source.

INPUT INSERTS
Two DSP inserts are available on the mic/line inputs for microphone processing. These inserts provide selectable DSP functions including: Feedback Suppression (AFS™), Notch Filtering, Gating, Compression, De-Esser, and Automatic Gain Control.

ROUTING
Every output zone has its own individually selectable primary source, priority override source and paging source. ... and ducking can be setup for both priority override and paging. Output level control is also found in the Routing section.

AUTOWARMTH®
AutoWarmth® is a psychoacoustic function that maintains full frequency bandwidth even when the signal level has dropped.

BANDPASS FILTERS
Bandpass Filters can be used as Crossovers for subwoofers, or to maximize the performance of speakers by limiting the out of band information.

OUTPUT EQ
A six-band parametric EQ is available on all outputs to maximize the sonic performance of the speakers.

DYNAMICS
To provide system protection, the ZonePro allows selection between output Compression, Limiting or Automatic Gain Control.

DELAY
The ZonePro offers over 400 mSec of output Delay for signal aligning of the system or speakers.

OUTPUT
The output module of the ZonePro provides polarity control of the output signal.

The dbx ZonePro™ 640, 641, 1260 and 1261 were designed to provide flexible programmable zone processing for multi-zone commercial applications.

With six inputs and four outputs on the 640 and 641 and 12 inputs and six outputs on the 1260 and 1261, the ZonePro products are incredibly flexible allowing any input to be assigned to any output zone. Outputs are also highly configurable with combinations including, mono and stereo zones, and zones with subwoofers.

The ZonePro products provide every tool required for maximizing system performance; from paging microphone functions like Gating and Feedback Suppression, to Crossovers, EQ, Crossovers, Dynamics, and Delay. The included GUI comes complete with a Wizard function that speeds system setup. The GUI also allows programming of the end-user controls like the ZC wall panels and/or the front panels of the 640 and 1260.

From signal routing to control to processing, the ZonePro products are complete multi-zone audio solutions.