

# ALTO

A V I A T I O N

Premium Cabin Audio/Entertainment Solutions  
for all aircraft in Business Aviation™

## Audio System Upgrade Solutions DX Acapella Series Amplifiers



ALTO Aviation has developed a series of smaller headphone and 4 channel power cabin audio amplifiers. This new design supports headphone controls and built-in logic control of audio sources. The following derivatives are available with FAA TSO-C139a approval.

### DX-245

**4 CH Digital Amplifier/ 4 Source Selection  
Up to 8 Headphone Outputs / PA Override**

The DX-245 is a 4 Channel Digital amplifier with up to 4 stereo source inputs. If PA override is desired, the amp supports up to 3 sources. Cabin audio selection, volume control and speaker on/off via ground logic are available. In addition to cabin audio, up to 8 headphones with independent selection and volume control are available.

### DX-270

**8 CH Digital Amplifier/ 4 Source Selection / PA Override**

The DX-270 is an 8 Channel Digital amplifier with up to 4 stereo source inputs. If PA override is desired, the amp supports up to 3 audio sources. Dual cabin audio selection, volume control and speaker on/off via discrete ground logic are available. The DX-270 is equivalent to two DX-135 amplifiers but in one extrusion. Audio control may be supported by ALTO or customer supplied switches. This amplifier requires a fixed input signal and the amp controls volume internally. All inputs may be gain adjusted for level matching.

### DX-280

**4 CH Digital Amplifier/ 4 Source Selection  
Up to 8 Headphone Outputs / PA Override**

The DX-280 is an 8 Channel Digital amplifier with up to 4 stereo source inputs. If PA override is desired, the amp supports up to 3 sources. Dual cabin audio selection, volume control and speaker on/off via ground logic are available. In addition to cabin audio, up to 10 headphones with independent selection and volume control are available.

These amplifiers consist of a 4 X 40W / channel Class D audio amplifier stage(s). The integrated Digital Signal Processor contours the sound for perfect matching to the loudspeakers. A built-in PA override function interrupts entertainment audio. The unit is fully configurable via a custom software interface to support numerous combinations of loudspeaker and PA functions and is powered from 28VDC.

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DX-245/270/280 Acapella Series Amps