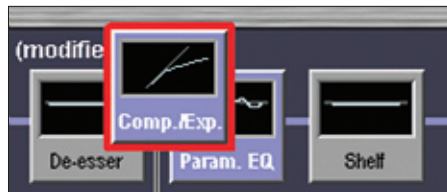




The Airtools 6200 Digital Voice Processor.

The **AirTools 6200** is a dual-channel digital voice processor, capable of processing two discrete microphone or line-level sources independently or as a stereo pair.

Create your signature sound by choosing specific signal processing modules and their order in the signal chain using the 6200's front panel or the 6200 Designer Windows® software. Control EQ and dynamics in multiple modes, with flexible control features. Store up to 256 programs under secure protection so only authorized personnel may modify



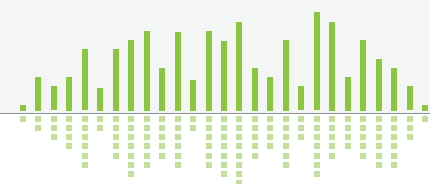
Easily customize your voice chain with the 6200's Drag 'n Drop modules.

programs the station engineer has created. Recall and control them from a computer via Ethernet, USB, RS-232 or the RC-1 Remote Control; or trigger via your own ESE time code, pots, or MIDI devices. Advanced converters keep the total delay from input to output under 0.5 milliseconds, so there's no audible delay in the headphones. Connect multiple 6200's to an Ethernet LAN for centralized control over every unit in every room.

Our Voice Processor legacy started with the original 528 and continued on through the 601, 528E and 628. Now you can maintain quality assurance throughout your voice talent signal processing chains with the AirTools 6200 Digital Voice Processor from Symetrix, the engineering-driven company of signal processing specialists.

6200 Features

- HD-compatible digital broadcast voice processor.
- Two (2) discrete Mono or Stereo channels capable of processing microphone or line-level sources.
- Compressor, AGC, Parametric EQ, Filters, De-esser, Voice Symmetry, etc.
- 256 programs, a unique setting for each on-air personality.
- Windows® PC software included for easy programming and IP control.





Specifications

Input/Output

Nominal Input Level: +4 dBu or -10 dBV line level, -36 dBu or -56 dBu mic level (software selectable) with 20 dB of headroom, Analog; -20 dBFS, Digital

Maximum Input Level: +24 dBu, Analog; 0 dBFS, Digital

Input Impedance: 20k Ω Analog; 110 Ω , \pm 10%, Digital

CMRR: > 50 dB (0 dBu, 20 Hz to 20 kHz)

Nominal Output Level: +4 dBu line level with 20 dB of headroom, Analog; -20 dBFS, Digital

Maximum Output Level: +24 dBu, Analog; 0 dBFS, Digital

Output Impedance: 200 Ω balanced, 100 Ω unbalanced, Analog; 110 Ω , \pm 10%; Digital

CONNECTORS

Input Connectors: XLR (Analog and Digital Audio); BNC (ESE time code); RJ-45 (Ethernet, HomerLink); D-sub 9 (RS-232, Program Control); Euro (RS-485, Remote Bypass, Analog Control Inputs); 7-pin DIN (RC-1/MIDI)

Output Connectors: XLR (Analog and Digital Audio); BNC (ESE Time Code)

Performance Data

A/D and D/A Conversion: 24-bit delta/sigma

Nominal Sample Rate: 48 kHz

Sample Sync Range: 48 kHz, \pm 100 ppm (AES-3/11)

Dynamic Range: > 114 dB (20 Hz to 20 kHz, A-weighted), Analog; 144 dB typical, unweighted, Digital

Frequency Response: 20 Hz to 20 kHz, Analog; 20 Hz to 24 kHz, Digital THD + Noise: 0.0035% (20 Hz to 20 kHz, unweighted with +24 dBu output), Analog; > 117 dB @ 1 kHz, Digital

PHYSICAL

Size: (HxWxD) 1 rack unit,

1.72 in. x 19 in. x 10.475 inches (4.37 cm x 48.30 cm x 26.6 cm)

Shipping Weight: 9.82 lbs. / 4.45 kg

ELECTRICAL

Power Requirements: 100 to 240 VAC, 50 Hz to 60 Hz, 25 Watts

ENVIRONMENT

Maximum operating ambient temperature: 30° C.

Mechanical Data

Space Required: 1U (WDH: 48.26 cm x 26.6 cm x 4.369 cm / 19 in x 10.475 in x 1.72 in). Depth does not include connector allowance.

Electrical: 100-240 VAC, 50-60 Hz, 25 Watts maximum.

Ventilation: Maximum recommended ambient operating temperature is 30 C / 86 F.

Weight: 4.45 kg / 9.82 lbs.

