

AT-7100P Professional Pre-Amplifier/Tuner

The new AudioTrak® seven-channel pre-amplifier/tuner is the ultimate combination of cutting edge technology, superb craftsmanship and beautifully simplistic design.

Features of the AT-7100P include balanced XLR outputs, professional microphone input with digital effects, built-in high quality tuner, on-screen navigation display and one-knob complete system control. The AT-7100P will take your sound experience to a higher level.

With its clean lines and audiophile sound quality, the AT-7100P is sure to please the discerning listener, seasoned professional or the whole family.



Features

- 5.1, 6.1 and 7.1 processing
- Precision 24 bit, 96 kHz ADC and DACs
- High quality built-in tuner with 40-station pre-sets and auto store/scan
- Professional microphone input with digital effects and switchable auto music override
- Independent microphone volume, bass and treble control
- Dolby Pro Logic II, Dolby Digital and Dolby Digital EX
- Bypass mode for stereo listening with no DSP effects
- DTS, DTS ES and DTS NEO6
- Eight DSP modes for digital sound enhancement
- Independent volume control for all eight speaker outputs
- Selectable crossover for large or smaller speakers
- Selectable time delay adjustments for speaker time alignment
- Full function IR remote control
- On-screen display for quick menu navigation
- Onboard test tones with auto cycle
- Dynamic control to raise low-level audio and lower high-level audio (dialog)
- Mute button (remote only)
- Vacuum fluorescent status display
- Push/turn one touch system control knob
- Toroidal power transformer
- Optional AT-7100P-RM rack mount kit available
- cUL listed

Specifications

AT-7100P

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| Rack Height | 2 U |
| Input Impedance Line Level | Greater than 20 K ohms |
| Input Impedance Mic Input | 600 ohms |
| Output Impedance | Balanced XLR 1 K ohms Unbalanced RCA 1 K ohms |
| Output Level | Balanced XLR 6.5 V Unbalanced RCA 6.0 V |
| Signal-To-Noise Ratio | Analog input A-weighted, 89 dB Digital input A-weighted, 90 dB Microphone A-weighted, 80 dB |
| Frequency Response | 10 Hz to 35 kHz \pm 3 dB |
| Microphone Channel | 80 Hz to 18 kHz \pm 3 dB |
| Total Harmonic Distortion at 1 kHz | Less than 0.05 percent |
| Microphone Channel at 1 kHz | Less than 0.5 percent |
| Equalizer Shelf Frequencies | Treble: 10 kHz, Bass: 100 Hz |
| Power Consumption | Less than 50 W |
| Power Requirements | 110 V, 60 Hz |
| Dimensions (Width \times Height \times Depth) | 16.93 \times 3.43 \times 11.81 inches; 430 \times 87 \times 300 mm |
| Weight | 13.23 lbs; 6 kg |

Tuner Specifications:

FM:

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|------------------------------------|---------------------|
| Tuning Frequency | 87.5 MHz to 108 MHz |
| Usable Sensitivity (DIN) | Less than 1 μ v |
| Signal-To-Noise Ratio (A-weighted) | Better than 65 dB |
| Total Harmonic Distortion | 0.3 percent |
| Frequency Response | 50 Hz to 14,000 Hz |
| Stereo Separation | 50 dB, 1 kHz |

AM:

| | |
|------------------------|-----------------------|
| Tuning Frequency Range | 520 kHz to 1710 kHz |
| Usable Sensitivity | Less than 100 μ v |
| Signal-To-Noise Ratio | Better than 40 dB |

Inputs and Outputs

Inputs:

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| Seven RCA stereo analog audio |
| Three optical digital audio |
| Four coaxial digital audio |
| One balanced XLR 1/4 inch phone combo microphone |
| One coaxial FM cable |
| Three RGB component video |
| Four coaxial video |
| Four S-Video |

Outputs:

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| Eight XLR balanced audio |
| Eight RCA unbalanced audio |
| Stereo RCA analog audio line output |
| Stereo RCA analog audio record output |
| One RGB component video output with on-screen display |
| One coaxial composite video output with on screen display |
| One S-Video composite output with on screen display |
| One coaxial composite video output without on screen display |
| One S-Video composite output without on screen display |

Optional
AT-7100-RM Rack Kit.

Combine with
AT-6100

