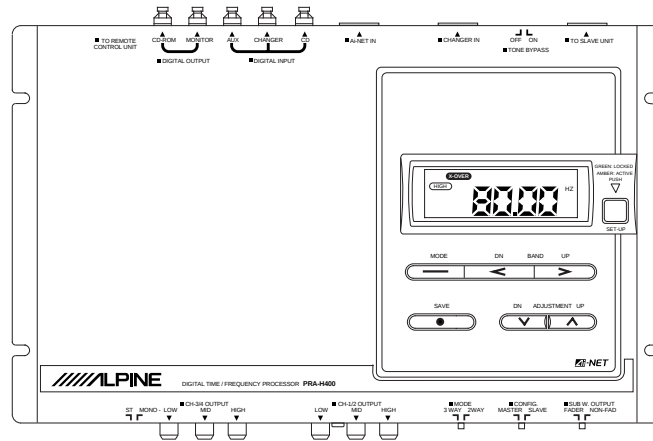


Digital Time/Frequency Processor (Ai-NET)

- 18 Bit Hybrid D/A Converters
- 4 Volt Output
- Digital Fiber Optic Inputs
- 2 Way/3 Way Mode Switch
- Selectable Non-Fading Output
- LCD Parameter Display
- EEPROM Back-up Memory
- Tone Control Bypass Switch
- Digital Time Correction
- Digital Crossover
- 18dB/Octave Highpass and Bandpass Slopes
- 24dB/Octave Subwoofer Slope
- Daisy Chain Capacity (2 PRA-H400s)
- DC-DC Power Supply
- S.T.A.R. Circuitry
- Gold Plated Terminals

**4iProcessor**

CROSSOVER

4VPreOut



SPECIFICATIONS

Number of outputs	6 pairs(High,Mid,Low for Front and Rear)
Number of D/A converters	6
DAC resolution	18bit hybrid
Number of Presets*	4(User Selectable)
Time Correction Control Range	0 to 30mS(0.3mS steps)
Crossover Frequencies(1 / 6 octave steps)	(Low, Mid-Low) 31.5Hz—400Hz
.....	(Mid-High, High) 200Hz—10kHz
Crossover Slopes	(Low) 24dB / octave
.....	(Mid, High) 18dB / octave
Output Level Control(1dB steps)	(Mid, High) 0 to -12dB
.....	(Low-Non Fading) 0 to +12dB ~ (Low-Fading) 0 to -12dB
Bass Control Range	±10dB at 30Hz
Treble Control Range	±10dB at 10kHz
Frequency Response	10Hz—20kHz(+0,-1dB)
Total Harmonic Distortion	0.03%(at 1kHz)
Stereo Separation	80dB(A at 1kHz)
Signal to Noise Ratio	108 dBA (with optical digital input and tone control bypassed)
Input Sensitivity(analog)	850mV
Input Impedance(analog)	Greater Than10k ohms
Output Voltage(tone control bypassed)	4V
Output Impedance	Less Than1k ohms
Power Requirement	11—16V DC(negative ground)
Main Chassis Size(WxHxD)	240mmx50mmx160mm(9-7 / 16"x1-15 / 16"x6-1 / 4")
Main Chassis Weight	1.5kg(3lb. 5oz.)

*Note: Four presets are only programmable when used with CVA-1000, CDA-7939, CDA-7949, TDA-7558, TDA-7559, and TDA-7537. Other AI-Net units will only allow one preset.

PRA-H400

Digital Time/Frequency Processor (Ai-NET)

