

FEATURES

● 4/3/2-CHANNEL OPERATION

The 3555 can be used in as:

- 4-channel amplifier, producing 50W per channel into 4 Ω , or 75W per channel into 2 Ω .
- 3-channel amplifier, producing 50W (4 Ω) or 75W (2 Ω) into channels 1 & 2, and 150W (4 Ω) into the third channel.
- 2-channel amplifier, producing 150W per channel into 4 Ω .

● STATUS MONITOR

This indicator illuminates in green when the amplifier is on and operational. This light will turn orange if any internal protection circuitry is activated.

● ACTIVE DIVIDING NETWORK

A pair of built-in, switchable and independent electronic crossover networks at 80Hz, 18dB per octave, can be used to set up the amplifier for low-pass (subwoofer) or high-pass (tweeter/midrange satellite) applications. These networks can also be switched off to allow full-range signal amplification.

● ACOUSTIC COMPENSATION CIRCUITRY

A selectable (Off or On) equalization curve can be added to the amplifier's output signal, compensating for the inherent non-linearities of the automobile interior. It extends low bass response and eliminates mid-bass boominess, giving the low frequency response of the audio system tightness and accuracy.

● DUO- β FEEDBACK CIRCUITRY

Alpine's proprietary Duo-Beta is a technologically advanced form of feedback circuitry. Duo-Beta supplies low negative feedback throughout the audio frequency bandwidth and very high negative feedback at DC.

This stabilizes the amplifier, removes DC offset, and offers excellent total harmonic distortion (T.H.D.) characteristics. It also provides low transient intermodulation distortion (T.I.M.), excellent slew rate, stability, and musicality.

● NO CURRENT LIMITING

Absence of current limiters in the audio section ensures low T.I.M., excellent transient response, and superb sonic quality.

● S.T.A.R. CIRCUITRY

The Alpine-developed Signal Transit for Accurate Response circuit topology improves sonic properties by reducing interaction between different sections of the circuitry.

FEATURES

● INPUT MODE SELECTOR

This switch allows the user to specify the input signal entering the amplifier.

● INPUT CHANNEL SELECTOR

This switch allows the user to specify the input signal entering channels 3 and 4 of the amplifier.

● DC-TO-DC SWITCHING MODE POWER SUPPLY

Provides excellent power output throughout the audio bandwidth (20Hz to 20kHz), Its soft clipping characteristics ensure superb transient response and musicality.

● FULLY DISCRETE, COMPLEMENTARY OUTPUT CIRCUITRY

For excellent reliability, superb sonic performance and high current capability for accurate transient response.

● INDEPENDENT, CONTINUOUSLY ADJUSTABLE GAIN CONTROLS FOR CH1/2 AND CH3/4

Allow different level settings for both pairs of channels.

● GOLD-PLATED RCA INPUT CONNECTORS

For most accurate signal transmission and lowest possible loss. Gold-plated terminals are immune to signal deterioration caused by corrosion in the connectors that can develop over time.

● GOLD-PLATED, SCREW-DOWN POWER AND SPEAKER TERMINALS

For high definition, minimum loss power transfer and oxidization resistance.

● HIGH PERFORMANCE, LOW NOISE, AUDIOPHILE QUALITY ACTIVE AND PASSIVE COMPONENTS

For best possible performance and consistency from unit to unit.

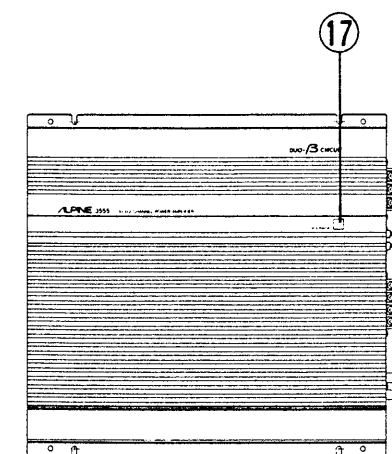
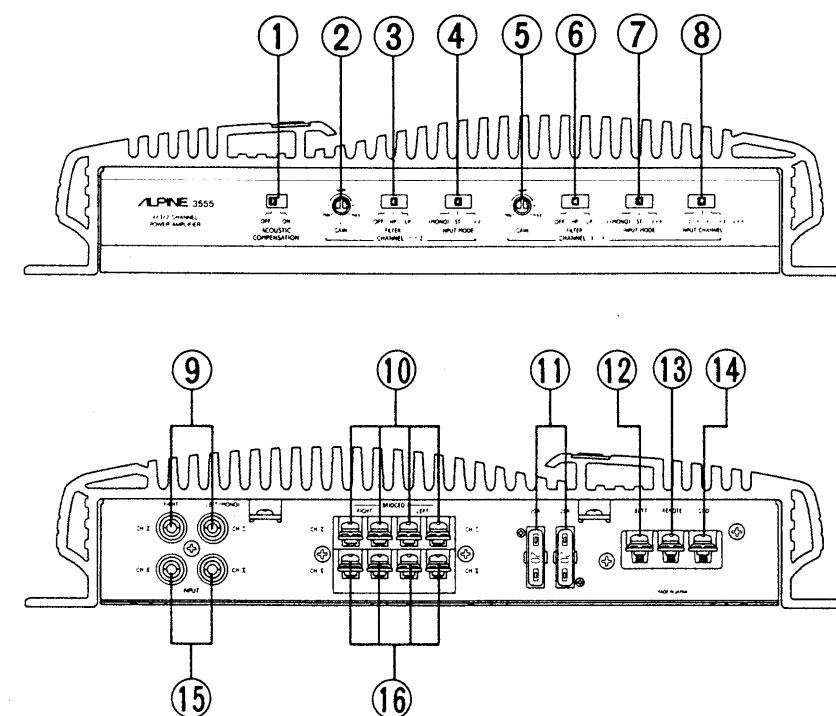
● THIRD-ORDER, (18 dB PER OCTAVE) CAPACITIVE/INDUCTIVE POWER SUPPLY INPUT AND OUTPUT FILTERING

Prevents radio frequency interference (RFI) and immunity to system noises (such as alternator whine).

● EXTRA HEAVY DUTY CONSTRUCTION

Glass-epoxy printed circuit boards and separate high current power transfer bus-bars for primary voltage and ground connections inside the amplifier.

SWITCHES AND TERMINALS



SWITCHES AND TERMINALS

- ① Acoustic Compensation Switch
- ② Input Gain Adjustment Control (Channels 1/2)
- ③ Active Dividing Network Mode Selector Switch (Channels 1/2)
- ④ Input Mode Selector Switch (Channel 1/2)
- ⑤ Input Gain Adjustment Control (Channels 3/4)

- ⑥ Active Dividing Network Mode Selector Switch (Channels 3/4)
- ⑦ Input Mode Selector Switch (Channels 3/4)
- ⑧ Input Channel Selector Switch
- ⑨ RCA Input Jacks (Channels 1/2)
- ⑩ Speaker Output Terminals (Channels 1/2)

- ⑪ Fuse Blocks (20 A x 2)
- ⑫ Battery Lead Terminal
- ⑬ Remote Turn-On Lead Terminal
- ⑭ Ground Lead Terminal
- ⑮ RCA Input Jacks (Channels 3/4)

- ⑯ Speaker Output Terminal (Channels 3/4)
- ⑰ Status Monitor

CONNECTIONS

