



# CONCERT AMPLIFIERS

2-Channel Class AB Car Amplifier / 4-Channel Class AB Car Amplifier



Concert A652



Concert A704

## Ultimate Car Audio by JBL.

JBL Concert Class AB Power Amplifiers are available in 2-Channel and 4-Channel models to bring superior and serious features with competitive price point. Both models have compact and elegant footprint, which are equipped with Adjustable High-Pass/Low-Pass Crossover Filter, Auto Turn on Facility, More importantly, they have reliable performance. 2-Channel amplifier can deliver 65 watts RMS of detail-enhancing musical power. If you only want power the bass, bridge the 2-Channel to 170 watt RMS. 4-Channel models will send 70 watts RMS to each of your front and rear speakers, the bridge model can power a pair of subwoofers with up to 180 watts RMS each.

## Features

- ▶ Powerful Class AB amplifier
- ▶ Adjustable High-Pass/Low-Pass Crossover Filter
- ▶ Auto Turn On Facility
- ▶ Efficient Cooling Design
- ▶ Concert Sound and Elegant Look
- ▶ Reliable Performance



## Features and Benefits

### Powerful Class AB amplifier

Class AB amplifier output stage combines the advantages of the Class A amplifier and the Class B amplifier while minimizing the problems of low efficiency and distortion associated with them.

### Adjustable High-Pass/Low-Pass Crossover Filter

Concert amplifiers have the High-Pass Filter (HPF) and the Low-Pass Filter (LPF), which allow you to adjust the frequency from 40Hz to 400Hz based on your own music taste to deliver the appropriate musical frequencies to speakers.

### Auto Turn On Facility

When using the High-level signal inputs, the amplifier automatically turns on once a DC offset is detected (>2.5 volts). When using the Line-level signal inputs, the amplifier will also turn on once a +12V signal is detected from the remote turn-on wire.

### Efficient Cooling Design

High performance amplifiers are not only powerful but also compact which depend on overall Efficient Cooling Design.

### Concert Sound and Elegant Look

JBL Concert amplifiers deliver extraordinary sound experience with elegant industry design.

### Reliable Performance

In order to deliver high quality sound and reliable performance, the high quality component such as audio capacitors, power MOSFET are selected for Concert amplifiers. Those amplifiers also have to undergo a rigid testing process that would destroy unstable amplifiers. JBL freezes them, bakes them, shakes them, blasts them with ultraviolet light and drives them at full power for days at a time.

## What's in the box:

### Concert A652

- 1x Amplifier
- 4x 3/4" Self-tapping screws
- 1x Spare fuse
- 1x Quick start guide
- 1x 2-Channel high-level input wire harness

### Concert A704

- 1x Amplifier
- 4x 3/4" Self-tapping screws
- 2x Spare fuse
- 1x Quick start guide
- 2x 2-Channel high-level input wire harness

## Technical specifications:

### Concert A652

#### 2-Channel Class AB Car Amplifier

- ▶ Rated Power RMS Output:
  - 65W x 2 @ 4 ohm; 85W x 2 @ 2 ohm;
  - 170W x 1 @ 4 ohm bridged, <1%THD
- ▶ Full/High-pass/Low-pass Filter:
  - 40-400Hz, 12dB/octave
- ▶ SN Ratio (1W @ 4 ohms): >75dB
- ▶ Frequency Response (-3dB): 10Hz – 45kHz
- ▶ Gross weight: 2.15kg

### Concert A704

#### 4-Channel Class AB Car Amplifier

- ▶ Rated Power RMS Output:
  - 70W x 4 @ 4 ohm; 90W x 4 @ 2 ohm;
  - 180W x 2 @ 4 ohm bridged, <1%THD
- ▶ Full/High-Pass/Low-Pass Filter:
  - 40-400Hz, 12dB/octave
- ▶ SN Ratio (1W @ 4 ohms): >75dB
- ▶ Frequency Response (-3dB): 10Hz – 45kHz
- ▶ Gross weight: 2.86kg