

Noise feedback and volume limiter

How the C1 noise feedback / auto volume limiter control works

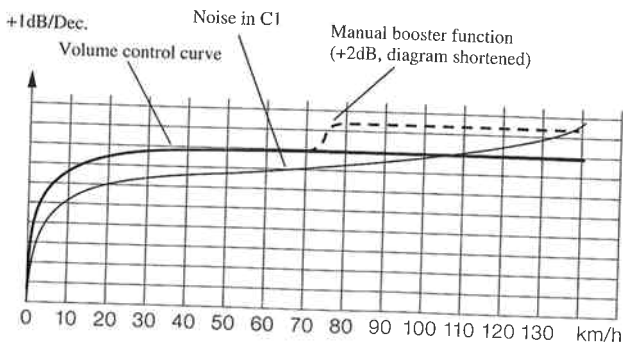
Unlike conventional automatic volume control systems, the C1 Fun audio system uses the effective vehicle noise rather than the speed as a reference point for dynamic volume control (noise feedback volume control).

The amplifier regulates the pre-set volume in proportion to the volume of the vehicle noise. This means that the louder the noise of the vehicle, the louder the music.

The amplifier automatically regulates the volume up to speeds of approximately 60 km/h. At higher speeds the volume can only be raised manually (booster function*).

If the vehicle is not moving or is running in idle, you cannot turn up the volume to the highest level (auto volume limiter).

- * The booster function is deactivated once the auto volume limiter comes into effect (i.e. when a low speed is reached).



Accessories 24 GB

Technical data

Amplifier	RMS power	2 x 10 W
	(at 0.1 % distortion factor)	
	Music power	2 x 18 W
	Transmission range	10-40,000 Hz
	Dynamic range	100 dBA
Speaker	RMS load	20 W / speaker
	Music power	30 W / speaker
	Mean sound pressure	85 dB/W/m
	Transmission range	60-20,000 Hz