

# RDING®

Skype/WhatsApp: +86 139 22611057  
 Wechat /Tel : +86 139 22611057

## DSP CAR AMPLIFIER

### 5.1 Decoding



### specification

Model NO.	RD-6800E	DSP-6EQ
DSP processor	8ch DSP processor	6ch DSP processor
Digital Input: Coaxial Input; Optical Input	optional	NO
Support : 5.1 decoding (DTS)	optional	NO
Support :BLUETOOTH	optional	optional
Support : WIFI	optional	NO
Support : Microphone input	optional	optional
DSP Controller	optional	optional
Operation System	Windows/Android	Windows
DSP EQ with AUX & High-level input	yes	yes
31-band EQ DSP software	yes	yes
Software Feature : 31-band GEQ / PEQ for all channels	yes	yes
-20db to +20db per band, 0.1dB step	yes	yes
Time Delay : in 0.021ms per step and up to 20ms	yes	yes
Control Mode: DSP Controller; Windows PC; Android Mobile	yes	yes
Working Voltage: DC (9.8V-16V)	yes	yes
Working Current:0.6A	yes	yes
Idle Current:<1mA	yes	yes
Dynamic range	≥126dB	≥126dB
S/N	≥110dB	≥98dB
THD+N	≤0.004%	≤0.004%
IMD	≤0.02%	≤0.02%
Freq.Resp	20Hz-20KHz	20Hz-20KHz
Input impedance	20KΩ	20KΩ
Output impedance	100Ω	100Ω
Channel gain margin	≤0.1dB	≤0.1dB
CMRR	≥80dB (1KHz)	≥80dB (1KHz)
Input range	RCA low-level: 6.5V peak value; High-level: 14.4V peak value	RCA low-level: 6.5V peak value; High-level: 14.4V peak value
Output range	RCA output level: 6.5V peak value	RCA output level: 6.5V peak value
Temp range	-20-+85°C	-20-+85°C
Power supply	DC 9V-15V	DC 9V-15V
Start	REM1-REM2 (9-14.4V)	REM1-REM2 (9-14.4V)
Start output	+12V start voltage output (0.1A)	+12V start voltage output (0.1A)
Power consumption	≤1.5W	≤1.5W
Control mode	PC/Control box/mobile	PC/Control box/mobile
Size(LXWXH)MM	230X150X36	213X135X34