

PRODUCT LINE 2021

# RELAX



*Guy Bonneville*  
**BLAM**  
DRIVEN BY PASSION



Guy Bonneville

**BLAM**

DRIVEN BY PASSION

Building on our 25 years of experience in designing and manufacturing high-end loudspeakers, we have our RELAX speaker to fully express the unique sound concept referred to as "French Sound". "French Sound" is a subtle but specific balance designed to accurately reproduce the music's midrange detail while preserving all the emotions of the "voice". Faithfully reproducing the dynamics of the original recording but diligently retaining all of the nuances and vocal clarity that make the music come alive.

**RELAX** systems are designed to provide incredible performance and to set a new reference in their category. Because of their high efficiency and low impedance, they provide detailed powerful sound when use with or without amplifier.

**BLAM wishes you hours of listening enjoyment!**

Guy BONNEVILLE  
fondateur de BLAM  
*BLAM founder*



FRENCH SOUND

# RELAX

## 100 RC



## 100 RS



## COMMON CHARACTERISTICS

### 100 RC - 100 RS

- 100 mm (4") speaker
- Max power 80 W / Nominal power 40 W
- Frequency response 100 Hz - 28 kHz
- Sensitivity 90 dB - Impedance 2  $\Omega$
- **Woofer**  
Iron basket  
High quality treated cellulose pulp membrane  
Butyl rubber surround  
Long life "Conex" damper  
25 mm (1") voice coil  
70 mm x 15 mm (2.6" x 0.6") magnet
- **RT20 tweeter**  
20 mm (3/4") high quality soft dome tweeter  
Neodymium motor

## 100 RC

### HIGH EFFICIENCY 2 $\Omega$ 100 MM (4") 2-WAY COAXIAL SYSTEM

System includes two 100 mm (4") speakers, two 20 mm (3/4") soft dome coaxial tweeters, two integrated 6 dB/octave crossovers

## 100 RS

### HIGH EFFICIENCY 2 $\Omega$ 100 MM (4") 2-WAY COMPONENT SYSTEM

System includes two 100 mm (4") speakers, two 20 mm (3/4") soft dome tweeters, two separated 6 dB/octave high-pass crossovers with adjustable tweeter level: 0 dB or -3 dB

# RELAX

## 130 RC



## 130 RS



### COMMON CHARACTERISTICS

#### 130 RC - 130RS

- 130 mm (5.25") speaker
- Max power 120 W / Nominal power 60 W
- Frequency response 80 Hz - 28 kHz
- Sensitivity 91 dB - Impedance 2  $\Omega$
- **Woofer**  
Iron basket  
High quality treated cellulose pulp membrane  
Butyl rubber surround  
Long life "Conex" damper  
25 mm (1") voice coil  
80 mm x 15 mm (3.1" x 0.6") magnet
- **RT20 tweeter**  
20 mm (3/4") high quality soft dome tweeter  
Neodymium motor

### 130 RC

#### HIGH EFFICIENCY 2 $\Omega$ 130 MM (5.25") 2-WAY COAXIAL SYSTEM

System includes two 130 mm (5.25") speakers, two 20 mm (3/4") soft dome coaxial tweeters, two integrated 6 dB/octave crossovers

### 130 RS

#### HIGH EFFICIENCY 2 $\Omega$ 130 MM (5.25") 2-WAY COMPONENT SYSTEM

System includes two 130 mm (5.25") speakers, two 20 mm (3/4") soft dome tweeters, two separated 6 dB/octave high-pass crossovers with adjustable tweeter level: 0 dB or -3 dB

# RELAX

165 RC



165 RS



165 RX



## COMMON CHARACTERISTICS

### 165RC - 165RS - 165RX

- 165 mm (6.5") woofer
- Max power 150 W / Nominal power 75 W
- Frequency response 60 Hz - 25 kHz
- Sensitivity 95 dB - Impedance 2  $\Omega$

#### • Woofer

Composite basket reinforced in glass fiber  
High quality treated cellulose pulp membrane  
Butyl rubber surround  
Long life "Conex" damper  
25 mm (1") voice coil with Kapton former  
85 x 17 mm (3.3" x 0.7") motor assembly (Y30)  
Thick magnetic circuit (5 mm)

#### • R2T20 Tweeter

20 mm (3/4") high quality soft dome tweeter  
N38 neodymium motor

## 165 RC

### 2 WAY COAXIAL SYSTEM

System includes two 165 mm (6.5") woofers, two 20 mm (3/4") soft dome coaxial tweeters, two integrated 6dB/octave crossovers

## 165 RS

### 2 WAY COMPONENT SYSTEM

System includes two 165 mm (6.5") woofers, two 20 mm (3/4") soft dome tweeters, two separated 6 dB/octave high-pass crossovers with adjustable tweeter level: 0 dB or -3 dB

## 165 RX

### 2 WAY COMPONENT SYSTEM

System includes two 165 mm (6.5") woofers, two 20 mm (3/4") soft dome tweeters, two separated 2-way 6/12 dB/octave BFR01 crossovers with adjustable tweeter level: -3 dB, 0 dB or +3 dB

# RELAX

200 RS



200 RS

## HIGH EFFICIENCY 200 MM (8") 2 WAYS COMPONENT SYSTEM

System includes two 200 mm (8") speakers, two 25 mm (1") soft dome tweeters, two separated 6 dB/octave high-pass crossovers with adjustable tweeter level: 0 dB or -3 dB

- Shallow woofer special replacement of OEM speaker
- Mounting depth 74 mm (2.9")
- Max power 200 W / Nominal power 100 W
- Frequency response 50 Hz - 25 kHz
- Sensitivity 94 dB - Impedance 3  $\Omega$
- Rigid and light fiberglass membrane
- IIR suspension
- "Conex" long life damper
- 38 mm (1.5") voice coil on fiberglass former
- Magnet 100 mm x 20 mm (3.9" x 0.8")

# RELAX

570 RC



570 RS



## COMMON CHARACTERISTICS

### 570 RC - 570 RS

- 5" x 7" speaker
- Max power 120 W / Nominal power 60 W
- Frequency response 75 Hz - 28 kHz
- Sensitivity 94 dB - Impedance 2  $\Omega$
- **Woofer**  
Iron basket  
High quality treated cellulose pulp membrane  
Butyl rubber surround  
Long life "Conex" damper  
25 mm (1") voice coil  
85 x 17 mm (3.3" x 0.67") magnet
- **RT20 tweeter**  
20 mm (3/4") high quality soft dome tweeter  
Neodymium motor

### 570 RC

#### HIGH EFFICIENCY 5" X 7" 2-WAY COAXIAL SYSTEM

System includes two 5" x 7" speakers, two 20 mm (3/4") soft dome coaxial tweeters, two integrated 6 dB/octave crossovers

### 570 RS

#### HIGH EFFICIENCY 5" X 7" 2-WAY COMPONENT SYSTEM

System includes two 5" x 7" speakers, two 20 mm (3/4") soft dome tweeters, two separated 6 dB/octave high-pass crossovers with adjustable tweeter level: 0 dB or -3 dB

# RELAX

690 RC



690 RS



## COMMON CHARACTERISTICS

### 690 RC - 690 RS

- 6" x 9" speaker
- Max power 150 W / Nominal power 75 W
- Frequency response 55 Hz - 28 kHz
- Sensitivity 93 dB - Impedance 2  $\Omega$
- **Woofer**  
Iron basket  
High quality treated cellulose pulp membrane  
Butyl rubber surround  
Long life "Conex" damper  
25 mm (1") voice coil  
85 x 17 mm (3.3" x 0.67") magnet

### 690 RC

#### **HIGH EFFICIENCY 6" X 9" 2-WAY COAXIAL SYSTEM**

System includes two 6" x 9" speakers, two 25 mm (1") soft dome coaxial tweeters, two integrated 6 dB/octave crossovers

### 690 RS

#### **HIGH EFFICIENCY 2 $\Omega$ 130 MM (5.25") 2-WAY COMPONENT SYSTEM**

System includes two 6" x 9" speakers, two 20 mm (1") soft dome tweeters, two separated 6 dB/octave high-pass crossovers with adjustable tweeter level: 0 dB or -3 dB

- **RT25 tweeter**  
25 mm (1") high quality soft dome tweeter  
Neodymium motor

Custom fit

# RELAX

## BM 100 C



## BM 100 C

### 2-WAY 100 MM (4'') COAXIAL SPEAKER DEDICATED OR BMW AND MINI

- 20 mm (3/4'') soft dome tweeter
- Max power 100 W / Nominal power 50 W
- Rigid and light fiberglass membrane - Ultra powerful neodymium magnet - Integrated 6 dB crossover - Sensitivity 88 dB - Frequency response 120 Hz - 20 kHz

## BM 100 S



## BM 100 S

### 2 WAYS 100 MM (4'') COMPONENT SYSTEM DEDICATED FOR BMW AND MINI

- 25 mm (1'') soft dome tweeter
- Max power 120 W / Nominal power 60 W
- Rigid and light fiberglass membrane - Ultra powerful neodymium magnet - Separated 12 dB/octave crossover - Sensitivity 88 dB - Frequency response 120 Hz - 22 kHz

## BM 200 W



## BM 200 W

### 200 MM (8'') HIGH PERFORMANCE SUBWOOFER DEDICATED FOR BMW

- Max power 120 W / Nominal power 60 W
- Rigid and light fiberglass membrane - Ultra powerful neodymium magnet - Sensitivity 88 dB - Frequency response 40 Hz - 500 Hz.
- Easily installed to replace the original 165 mm woofers in most pre 2011 BMW

## BM 200 XF



## BM 200 XF

### 200 MM (8'') EXTRA FLAT UNDERSEAT SUBWOOFER FOR BMW

- Max power 120 W / Nominal power 60 W
- Rigid and light fiberglass membrane - Ultra powerful neodymium motor - Sensitivity 88 dB - Frequency response 40 Hz - 500 Hz
- Easily installed to replace the original 165 mm woofers in all BMW

## MB 100 S



Mercedes-Benz



## MB 100 S

### PLUG & PLAY SPECIAL MERCEDES BENZ 2 WAY COMPONENT SYSTEM

System includes two 100 mm (4") woofers, two 25 mm (1") soft dome tweeters with two online 6 dB/octave crossovers with Mercedes connector

- Max power 120 W / Nominal power 60 W
- Frequency response 100 Hz - 22 kHz
- Sensitivity 85 dB - Impedance 4 Ω
- 100 mm ABS + fiber basket woofer
- Plug & Play solid terminal
- Fiberglass cone with rubber surround
- Super powerful neodymium magnet
- 25 mm soft dome tweeter, ABS housing and Neodymium magnet
- 6 dB/octave crossover with Mercedes connector

## MB 100 CENTER



Mercedes-Benz



## MB 100 CENTER

### PLUG & PLAY SPECIAL MERCEDES BENZ CENTER SPEAKER

System includes one 100 mm (4") dual voice coil woofer

- Max power 2 x 60 W / Nominal power 2 x 30 W
- Frequency response 100 Hz - 10 kHz
- Sensitivity 85 dB - Impedance 2 x 4 Ω
- 100 mm ABS + fiber basket woofer
- Plug & Play solid terminal
- Fiberglass cone with rubber surround
- Super powerful neodymium magnet
- 25 mm dual voice coil (announcement & music)

## MB 200 W



Mercedes-Benz



## MB 200 W

### PLUG & PLAY SPECIAL MERCEDES BENZ 8" SUBWOOFER FOR LEFT-HAND DRIVE VEHICLE

System includes two 200 mm (8") subwoofers

- Max power 300 W / Nominal power 150 W
- Frequency response 55 Hz - 2 kHz
- Sensitivity 87 dB - Impedance 2 Ω
- 200 mm stamped steel basket with mounting ABS adaptor
- Mercedes terminal connection
- Fiberglass cone with rubber surround
- Neodymium magnet
- Enormous power handling with 35 mm voice coil
- Installation depth as per Mercedes car

## MB 200 WR

### PLUG & PLAY SPECIAL MERCEDES BENZ 8" SUBWOOFER FOR RIGHT-HAND DRIVE VEHICLE

# RELAX

## MSA 25



## MSP 25



### COMMON CHARACTERISTICS

#### MSA 25 - MSP 25

- Solid die cast aluminium enclosure
- Ultra low profile 25 cm (10") 2  $\Omega$  with 50 mm (2") voice coil
- Dimensions (L x W x H): 345 x 245 x 78 mm (13.6" x 9.7" x 2.6")

#### MSA 25

##### COMPACT POWERED UNDER-SEAT SUBWOOFER ENCLOSURE

- Max power 250 W / Nominal power 125 W
- Compatible with OEM head units
- High-level inputs with auto turn-on
- RCA low-level inputs (compatible 6 V)
- Frequency response 50 Hz - 150 Hz
- Bass boost (55 Hz) adjustable to 12 dB
- Phase setting 0/180°
- External remote level control included (5 m cables)

#### MSP 25

##### COMPACT PASSIVE UNDER-SEAT SUBWOOFER ENCLOSURE (NO AMPLIFIER)

- Max power 250 W / Nominal power 125 W
- Frequency response 50 Hz - 200 Hz
- Efficiency 83 dB - Impedance 2  $\Omega$

# RELAX

## CRS27A



## CRS27A

### SEALED SUBWOOFER DEDICATED FOR USE INSIDE SPARE WHEELS 15" (38 CM)

Die cast aluminium enclosure with 27 cm (11") spare tire active subwoofer with integrated 300 W amplifier

- **Amplifier**
  - Maximum Power: 300 W / Nominal Power 150 W
  - Compatible with OEM head units
  - High-level inputs with auto turn-on (switch-on)
  - RCA low-level inputs: 0.4 - 4 V
  - Bass boost (45 Hz) adjustable from 0 to +12 dB
  - Fixed Subsonic filter: 20 Hz
  - Low Pass Filter: 50 Hz to 150 Hz 12 dB/oct
  - Phase setting: 0 / 180°
  - Power supply voltage: +12 VDC
  - Fuse rating: 25 A
- **Subwoofer**
  - 27 cm (11")
  - Voice coil 2  $\Omega$ : 65 mm (2.6"), Impedance 2 $\Omega$
  - Frequency response: 28 Hz / 500 Hz
- **Supplied accessories**
  - External remote level control, bass boost and phase
  - 30 cm length connector accessory kit
  - Weight: 11.65 kg
  - Dimensions: 360 x 145 mm (14" x 5.7")

## Subwoofers

# RELAX

### R8 EL



### R8 EL

#### 8" SUBWOOFER

- 210 mm (8") subwoofer for compact enclosure
- Max power 300 W / Nominal power 150 W
- Frequency response 45 Hz - 500 Hz
- Sensitivity 92.5 dB - Impedance 2  $\Omega$
- Steel basket with machined gasket
- Rigid treated pulp cone
- Foam surround
- Long life "Conex" damper
- 39 mm (1.4") voice coil on aluminium former
- 120 x 20 mm (4.7" x 0.79") motor assembly
- Extended T-yoke
- Optimized for use in little bass-reflex enclosure
- Grill included

# RELAX

**CR8 EL**



**CR 20**



## COMMON CHARACTERISTICS

### **CR8 EL - CR 20**

- Made with high quality 15 mm MDF, resistant grey carpet, well-tuned laminar bass reflex port
- Supplied with foam stand to use it down firing
- Dimensions (L x W x H):  
500 x 140 x 260 mm (19.7" x 5.5" x 10.2")

### **CR8 EL**

- Ported bass-reflex enclosure
- 210 mm (8") subwoofer driver
- Max power 300 W / Nominal power 150 W
- Frequency response 45 Hz - 500 Hz
- Sensitivity 92.5 dB - Impedance 2  $\Omega$

### **CR 20**

- Ready to go ported bass-reflex enclosure with built-in 360W amplifier
- Easy solution to add bass to a factory system
- Special 20 cm (8") subwoofer driver
- Frequency response 40 Hz - 150 Hz
- Max power 360 W / Nominal power 180 W
- Compatible with OEM units
- High level inputs with auto turn-on
- RCA low-level inputs (5V compatible)
- Adjustable low pass (45 Hz - 150 Hz)
- Bass boost (50 Hz) adjustable up to 12 dB
- Phase setting 0/180°
- External remote level control (5 m cable)

# RELAX

R12



R12

## 12" SUBWOOFER

- 300 mm (12") subwoofer
- Maximum power 500 W / Nominal power 250 W
- Frequency response: 30 Hz - 500 Hz
- Sensitivity 94 dB - Impedance 2 Ω
- Steel basket
- Reinforced cellulose fiber cone
- Foam surround
- Cotton damper
- 50 mm (2") voice coil on aluminium former
- 134 x 20 mm (5.3" x 0.9") motor assembly
- Machined extended T-yoke
- Optimized for use in a 20 L to 40 L (0.71 cf to 1.4 cf) closed enclosure

### Recommended sealed enclosure :

Internal volume Vb	F -3 dB	Boost
20 L	54 Hz	1.3 dB at 92 Hz
30 L	51 Hz	0.7 dB at 93 Hz
50 L	49 Hz	0.2 dB at 114 Hz

### Recommended bass reflex enclosure:

Internal volume Vb	Port internal Ø	Port Internal length	F -3 dB	Boost
30 L	10 cm	30 cm	41 Hz	4.4 dB at 70 Hz
50 L	10 cm	26 cm	32 Hz	2.7 dB at 60 Hz

# RELAX

## CR30



## CR30

### REFLEX SUBWOOFER ENCLOSURE

Reflex subwoofer enclosure with laminated event, black carpet with 300 mm (12") subwoofer Relax R12

- MDF 16 mm - Internal volume 31 L (1.1 cf)
- 300 mm (12") subwoofer
- Maximum power: 500 W / Nominal power 250 W
- Frequency response: 30 Hz - 500 Hz
- Boost 5.2 dB at 70 Hz
- Sensitivity 94 dB - Impedance 2  $\Omega$
- Size: H 360 x D 300 x L 500 mm

## BP30



## BP30

### BASS PACK WITH RELAX CR30 AND AMPLIFIER RELAX RA 251D INCLUDED

All-in-one solution to add bass to a factory system.

System with 30 cm (12") subwoofer driver, with 250 W amplifier included, black carpet

- RA 251 D: mono amplifier (250 W RMS / 2  $\Omega$ )
- Compatible with OEM head units
- High-level inputs with auto-turn on
- RCA low-level inputs (5 V compatible)
- Bass boost (70 Hz) adjustable to 12 dB
- Phase setting 0/180°
- External remote level control (5 m cables)

# RELAX

## RS10



## RS12



### COMMON CHARACTERISTICS

#### RS10 - RS12

- Steel basket
- Injected polypropylene cone
- Butyl rubber surround
- Long life “conex” damper
- 50 mm (2”) voice coil on aluminium former
- 126 x 15 mm (5” x 0.6”) motor assembly
- Extended T-yoke

#### RS10

##### 10” EXTRA SLIM SUBWOOFER

- 250 mm (10”) extra-slim subwoofer
- Mounting depth 66 mm (2.6”)
- Maximum power 300 W / Nominal power 150 W
- Frequency response: 35 Hz à 500 Hz
- RS10.4: Sensitivity 86.2 dB - Impedance 4 Ω
- RS10.2: Sensitivity 87.7 dB - Impedance 2 Ω
- Optimized for use in a 10 L to 40 L (0.35 cf to 1.4 cf) sealed enclosure
- **Grill GR10** available for this model

Impedance	RS10.2 2 Ω		RS10.4 4 Ω	
	F -3 dB	Boost	F -3 dB	Boost
10 L	46 Hz	5.7 dB at 71 Hz	49 Hz	5.0 dB at 75 Hz
20 L	38 Hz	4.1 dB at 60 Hz	41 Hz	3.4 dB at 65 Hz
30 L	36 Hz	3.4 dB at 56 Hz	38 Hz	2.7 dB at 61 Hz

#### RS12

##### 12” EXTRA SLIM SUBWOOFER

- 300 mm (12”) extra-slim subwoofer
- Mounting depth 67 mm (2.6”)
- Maximum power 400 W / Nominal power 200 W
- Frequency response: 30 Hz à 500 Hz
- RS12.4: Sensitivity: 87.5 dB - Impedance 4 Ω
- RS12.2: Sensitivity: 88.7 dB - Impedance 2 Ω
- Optimized for use in a 15 L to 45 L (0.53 cf to 1.6 cf) sealed enclosure

Impedance	RS12.2 2 Ω		RS12.4 4 Ω	
	F -3 dB	Boost	F -3 dB	Boost
15 L	54 Hz	4.6 dB at 86 Hz	50 Hz	8.1 dB at 77 Hz
25 L	46 Hz	3.2 dB at 75 Hz	42 Hz	6.5 dB at 65 Hz
40 L	42 Hz	2.2 dB at 70 Hz	37 Hz	5.4 dB at 57 Hz

# RELAX

CR25



CR25

**SEALED SUBWOOFER ENCLOSURE COMPATIBLE  
WITH SUBWOOFER RELAX RS 10**

Sealed subwoofer enclosure for 250 mm (10") subwoofer,  
dark grey carpet

- MDF 16 mm - Internal volume 14.4 L (0.51 cf)
- Size: H 320 x D 140 x L 500 mm
- Supplied foam stand to use it down firing



## Amplifiers

# RELAX

Very easy to install and compatible with all the original car radios, this ultra-compact amplifier allows you to add a subwoofer to your installation for an incomparable listening comfort. Even while maintaining a reasonable level of listening, the sound will take on more depth and your travels will be transformed into a pure moment of pleasure.

### RA 251 D



### RA 251 D

#### 250W ULTRA COMPACT CLASS D MONO AMPLIFIER

- High-level inputs with auto-turn on
- RCA low level and high-level inputs
- Power (4  $\Omega$ ): 150 Watts RMS
- Power (2  $\Omega$ ): 250 Watts RMS
- Low-pass crossover: 35 Hz - 500Hz
- Bass boost adjustable +12 dB (45 Hz)
- Signal/noise ratio: 90 dB
- Protections: short circuit / low impedance / reversal of polarity / heat protection
- External wired remote control
- Dimensions (L x W x H):  
158 x 91.4 x 36 mm - 6.2" x 3.6" x 1.4"

### RA 501 D



### RA 501 D

#### 500W ULTRA COMPACT CLASS D SUBWOOFER AMPLIFIER

- High level inputs with auto turn on
- RCA low level and high-level inputs: 0.3V /15V
- RMS Power (4  $\Omega$ ): 300 W
- RMS Power (2  $\Omega$ ): 500 W
- Low pass crossover: 35 Hz - 500 Hz
- Bass boost: 0 - 12 dB at 45 Hz
- Signal/noise ratio > 90 dB
- Protections: short circuit / low impedance / reversal of polarity / heat protection
- External wired remote control
- Dimensions (L x W x H):  
198 x 91.4 x 36 mm - 7.8" x 3.6" x 1.4"

# RELAX

## RA1202 D



## RA 1202 D

### ULTRA COMPACT CLASS D 2 CHANNEL AMPLIFIER

- High level inputs with auto turn on
- RCA low level and high-level inputs: 0.5V /15V
- RMS Power (4  $\Omega$ ): 2  $\times$  80 Watts RMS
- RMS Power (2  $\Omega$ ): 2  $\times$  120 Watts RMS
- Bridged RMS power (4  $\Omega$ ): 1  $\times$  240 W
- Frequency response: 20 Hz - 22 kHz
- Low pass crossover: 120 Hz
- High pass crossover: 100 Hz
- Signal/noise ratio: > 90 dB
- Protections: short circuit / low impedance / reversal polarity / heat protection
- Dimensions (L x W x H):  
160  $\times$  91.4  $\times$  36 mm - 6.3"  $\times$  3.6"  $\times$  1.4"

## RA 754 D



## RA 754 D

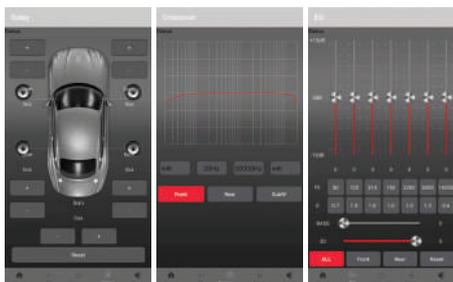
### ULTRA COMPACT CLASS D 4 CHANNELS AMPLIFIER

- High level inputs with auto turn on
- RCA low level and high-level inputs: 0.3V /15V
- RMS Power (4  $\Omega$ ): 4  $\times$  50 Watts RMS
- RMS Power (2  $\Omega$ ): 4  $\times$  75 Watts RMS
- Bridged Power (4  $\Omega$ ): 2  $\times$  150 Watts RMS
- Frequency response: 20 Hz - 22 kHz
- Low pass crossover: 120 Hz
- High pass crossover: 100 Hz
- Signal/noise ratio: > 90 dB
- Protections: short circuit / low impedance / reversal polarity / heat protection
- Dimensions (L x W x H):  
188  $\times$  91.4  $\times$  36 mm - 7.4"  $\times$  3.6"  $\times$  1.4"

## Amplifiers

# RELAX

### RA 704 DSP PRO



### RA 704 DSP PRO

#### BLUETOOTH CONNECTION AND CONTROL OF DSP SETTINGS VIA SMARTPHONE APP

- 4-channel Plug and Play amplifier with integrated DSP
- Bluetooth connection and control of DSP settings via Android and I-phone apps
- Plug and Play installation in the car without cutting original wires (different cables available)
- Delivered with cable
- RMS Power (4  $\Omega$ ) when powered directly from battery: 70 W x 4
- RMS Power (4  $\Omega$ ) when powered from OEM wires: 50 W x 4
- Frequency response: 20 Hz - 20 kHz
- Distortion 1 kHz < 0.1%
- Supply voltage range 9 V - 15 V
- Signal/Noise ratio: > 90 dB
- Standby current: < 0.4 mA
- Class D amp efficiency: 95 %+
- Maximum operating current: 30 A
- Sigma DSP 28/56 bit 50 MIPS digital audio processor 24-bit stereo audio ADC and DAC: > 98 dB SNR
- Sampling rates 96 kHz
- Dimensions (L x W x H): 184 x 114 x 38 mm - 7.2" x 4.5" x 1.5"

Time alignment adjustable from 0 up to 2.30 m for each speaker - 7 bands Parametric EQ for front and rear speakers- Fully customizable crossover from 0 to 24 dB/octave on all outputs- 6 RCA outputs for connecting additional amplifiers including 2 fully configurable for subwoofers- 5 favorites setting memorized in the amplifier Unlimited setting memorized in the phone- 3D surround sound- Adjusting the bass independent- Setting the phase and the activation of each channel.

### RA 704 RT



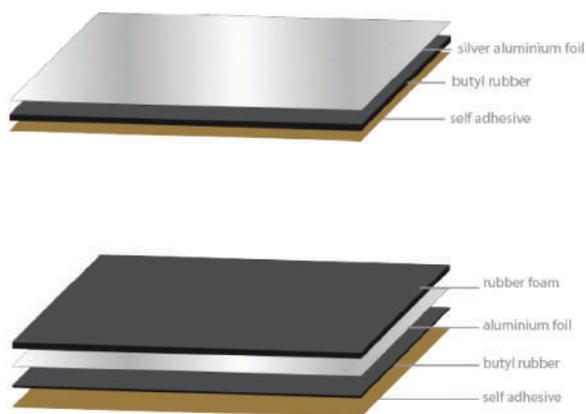
### RA 704 RT

#### BLUETOOTH CONNECTION AND CONTROL OF DSP SETTINGS VIA ANDROID SMARTPHONE APP

Independent 7 Band Graphic EQ for front and rear speakers- 5 different preset EQ: Classical, Rock, Theater, Jazz, Pop, Bass Booster- SRS 3D Surround Sound – Dynamic bass setting- Easy phase change and speaker muting all speaker by the app-Time alignment adjustable from 0 up to 230 cm for each- 4 RCA Output for additional amplifier.

# RELAX

## DAMP4



## DAMP4 SOUND DAMPING PACK

Content: 4 sheets of 210 x 460 mm (8.3" x 18.1")

- **2 sheets of two-layer sound damping:** It consists in a two-layer sheet made of an aluminium foil and a butyl rubber.

**Application:** doors and doors panel.

**Benefits:** stop the vibration and the noise from the outside.

- **2 sheets of three-layer sound damping:** It consists in a three-layer sheet made of an aluminium foil and a butyl rubber with a rubber foam on top.

**Application:** doors and behind the speaker.

**Benefits:** stop the vibration and the noise from the outside and absorbs the rear waves of the speaker to maximize bass and mid-bass reproduction.

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