

# RELAX

Guy Bonneville

# BLAM

DRIVEN BY PASSION

## 200 RS

### Woofer

**Hi-Efficiency 200 mm (8")**  
**Woofer shallow special replacement of OEM speaker**

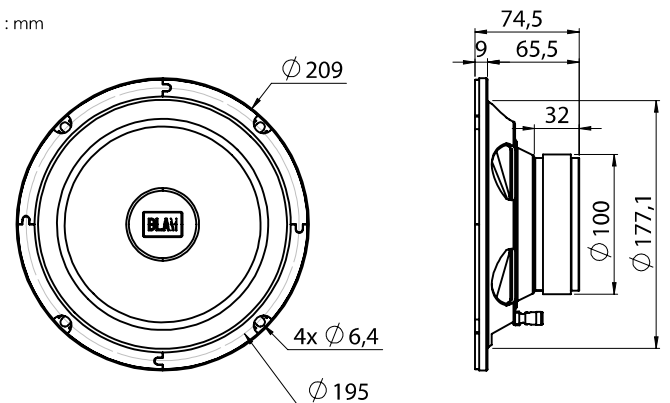
- Woofer 200mm (8")
- Max power 200 W / Nom. power 100 W
- Sensitivity (2.83V/1m) 92.4 dB
- Impedance 3 Ohms

#### TECHNICAL SPECIFICATIONS

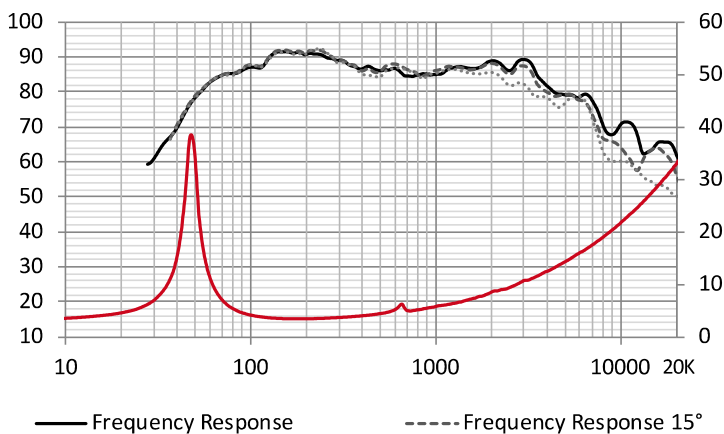
| Component                 | Speakers        |                |
|---------------------------|-----------------|----------------|
| Max power                 | 200 W           |                |
| Nominal power             | 100 W           |                |
| Impedance                 | 3 Ω             |                |
| Freq. Response            | 50 Hz - 3.5 KHz |                |
| Sensitivity (2,83V/1m)    | 92.4 dB         |                |
| Magnet                    | Ferrite         |                |
| Magnet size Ø x h         | 80 x 15 mm      | 3.15" x 0.591" |
| Total driver displacement | 0.8 l           | 0.028 cf       |
| Weight of one component   | 1.81 kg         | 3.990 lb       |
| Voice coil Ø              | 28 mm           | 1.102"         |
| Voice coil height         | 11 mm           | 0.433"         |
| Cone                      | Cellulose pulp  |                |



Unit : mm



#### FREQUENCY RESPONSE / IMPEDANCE



#### THIELE-SMALL PARAMETERS

|                      |                        |
|----------------------|------------------------|
| effective Ø (d)      | 165 mm                 |
| Sd                   | 213.82 cm <sup>2</sup> |
| Xmax                 | 3 mm                   |
| Re                   | 3 Ω                    |
| Fs                   | 47.85 Hz               |
| Le                   | 152.32 µH @ 1 kHz      |
| Le                   | 450.47 µH @10 kHz      |
| Vas                  | 23.14 L                |
| Mms                  | 30.70 g                |
| Cms                  | 0.000360 m/N           |
| BL                   | 6.90 Tm                |
| Qts                  | 0.54                   |
| Qes                  | 0.59                   |
| Qms                  | 7.02                   |
| Sensitivity (dB/W/m) | 88.2 dB                |

contact@blam-audio.fr  
www.facebook.com/blamaudio  
www.blam-audio.fr

## R80

### Mid-range

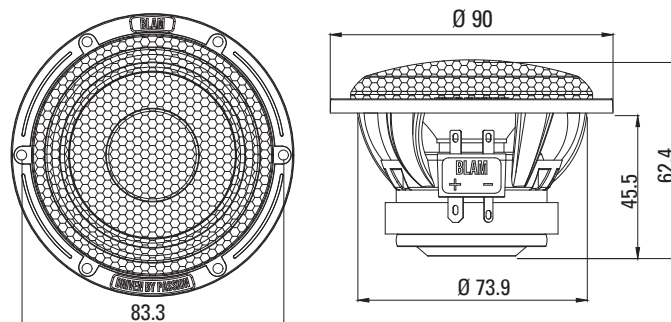
- 80 mm (3") mid-range
- Max. power 100 W / Nominal Power 50 W
- Frequency response 150 Hz - 23 kHz
- Impedance 3 Ω



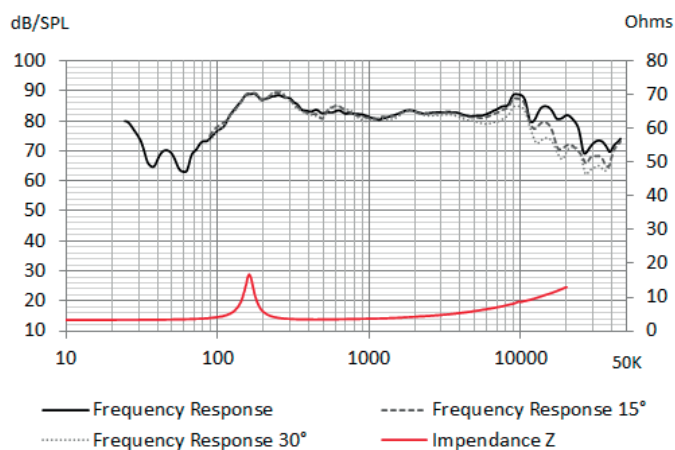
#### TECHNICAL SPECIFICATIONS

|                                  |                 |                 |
|----------------------------------|-----------------|-----------------|
| <b>Component</b>                 | Mid-range       |                 |
| <b>Max power</b>                 | 100 W           |                 |
| <b>Nominal power</b>             | 50 W            |                 |
| <b>Impedance</b>                 | 3 Ω             |                 |
| <b>Freq. Response</b>            | 150 Hz - 23 kHz |                 |
| <b>Sensitivity (2,83V/1m)</b>    | 86.5 dB         |                 |
| <b>Magnet</b>                    | Ferrite         |                 |
| <b>Magnet size Ø x h</b>         | 55 x 10 mm      | 2.165" x 0.394" |
| <b>Total driver displacement</b> | 0.057 l         | 0.002 cf        |
| <b>Weight of one component</b>   | 0.315 kg        | 0.694 lb        |
| <b>Voice coil Ø</b>              | 20 mm           | 0.787"          |
| <b>Voice coil height</b>         | 5.9 mm          | 0.232"          |
| <b>Cone</b>                      | Cellulose pulp  |                 |

Unit : mm



#### FREQUENCY RESPONSE / IMPEDANCE



#### THIELE-SMALL PARAMETERS

|                        |                       |
|------------------------|-----------------------|
| <b>effective Ø (d)</b> | 60 mm                 |
| <b>Sd</b>              | 55.42 cm <sup>2</sup> |
| <b>Xmax</b>            | 1 mm                  |
| <b>Re</b>              | 3.15 Ω                |
| <b>Fs</b>              | 161.64 Hz             |
| <b>Le</b>              | 74.71 μH @ 1 kHz      |
| <b>L2</b>              | 109.43 μH @ 10 kHz    |
| <b>Vas</b>             | 0.46 L                |
| <b>Mms</b>             | 2.37 g                |
| <b>Cms</b>             | 0.000408 m/N          |
| <b>BL</b>              | 2.1 Tm                |
| <b>Qts</b>             | 1.39                  |
| <b>Qes</b>             | 1.72                  |
| <b>Qms</b>             | 7.30                  |

# RELAX

## RT 20

### Tweeter

- Hi fidelity 20 mm soft dôme tweeter
- Hi efficiency magnet (N38H neodymium)
- Hi quality special soft dôme material
- Ferrofluid for hi power handling

Guy Bonneville

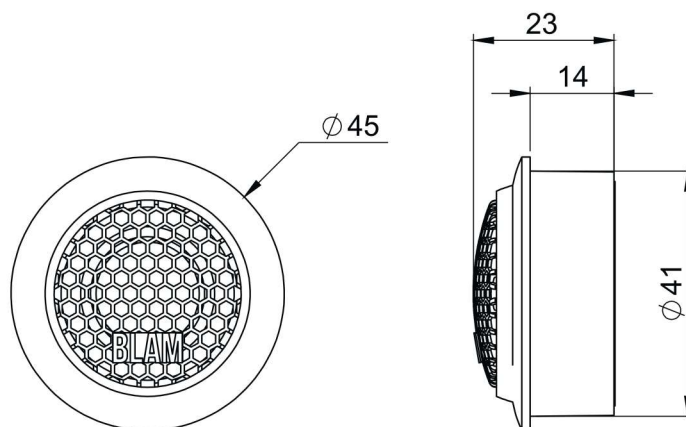
# BLAM

DRIVEN BY PASSION

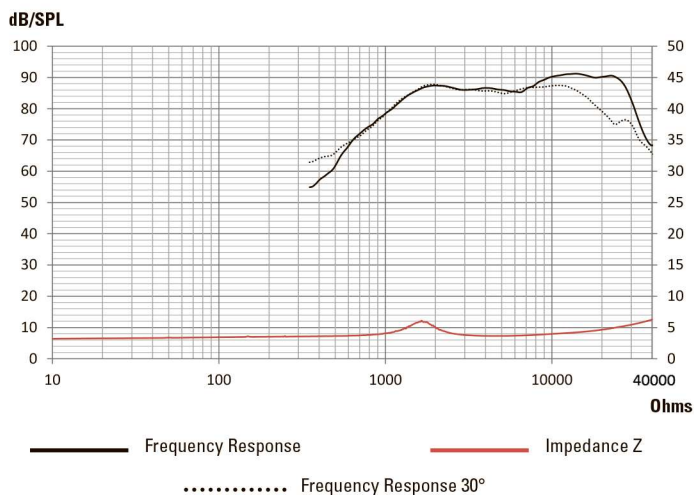


#### TECHNICAL SPECIFICATIONS

|                           |                  |                 |
|---------------------------|------------------|-----------------|
| Component                 | Tweeter          |                 |
| Max power                 | 100 W            |                 |
| Nominal power             | 10 W             |                 |
| Impedance                 | 3 Ω              |                 |
| Freq. Response            | 2,5 KHz - 25 KHz |                 |
| Sensitivity (2,83V/1m)    | 90 dB            |                 |
| Magnet                    | Neodymium        |                 |
| Magnet size Ø x h         | 18 x 3 mm        | 0,709" x 0,118" |
| Total driver displacement | -                | -               |
| Weight of one component   | 0,045 kg         | 0,099 lb        |
| Voice coil Ø              | 20 mm            | 0,787"          |
| Voice coil height         | 2 mm             | 0,118"          |
| Cone                      | Soft             |                 |



#### FREQUENCY RESPONSE / IMPEDANCE



#### THIELE-SMALL PARAMETERS

|                      |                      |
|----------------------|----------------------|
| effective Ø (d)      | 22 mm                |
| Sd                   | 3,80 cm <sup>2</sup> |
| Xmax                 | -                    |
| Re                   | 3 Ω                  |
| Fs                   | 1651 Hz              |
| Le                   | -                    |
| L2                   | -                    |
| Vas                  | -                    |
| Mms                  | -                    |
| Cms                  | -                    |
| BL                   | -                    |
| Qts                  | -                    |
| Qes                  | -                    |
| Qms                  | -                    |
| Sensitivity (dB/W/m) | 86,7 dB              |

contact@blam-audio.fr  
www.facebook.com/blamaudio  
www.blam-audio.fr