

# DUO XD

(2015 - 2022)

VS

# DUO GT

(G3)

## FRAME, BASE FRAME, FEET

Base frame made of solid cast aluminum with spikes adjustable from the top, plus 3 frame rails screwed to subwoofer and midrange tube.

Single-body housing with base frame made of precision-milled aluminum, 4 die-cast cantilever feet, individually rotatable via serration disc, with mounts for sliding feet or spikes, adjustable from the top. Stabilizing aluminium side panels with concealed cable routing.

## SUBWOOFER FRONT COVER

3-piece cover, 2 decorative panels and 1 fabric cover, individually removable.

One-piece fabric cover.

## POWER INDICATION

LED at the bottom of the subwoofer front.

LED at the tweeter, integrated as an illuminated standby button.

## TWEETER HORN

Short-throw horn with 18 cm diameter and 8.5 cm length.

High-efficiency long-throw horn with a diameter of 20 cm and a length of 18 cm.

## TWEETER DRIVER

Compression driver with 1" Mylar dome diaphragm, cut-off frequency 20 kHz.

1" compression driver with ultra-light ring radiator diaphragm, cut-off frequency 28 kHz, basket reinforced with aluminum castings.

## TWEETER CROSSOVER

12 dB/octave, capacitor with CPC circuit & OFC copper coil

12 dB/octave, NatureCaps with PolarisationPlus & OFC copper ribbon coil.

**MIDRANGE HOUSING**

Internally damped steel-to-metal tube with rear WBT terminals, to be wired from the outside.

Internally damped steel-to-metal tube with concealed cable routing to the connection panel on the back of the subwoofer.

**MIDRANGE DRIVER**

6.5" Cone Driver with Cast Aluminum Basket and Soft-Mesh diaphragm dome

6.5" cone driver with new flat-profile cast basket and soft-mesh diaphragm dome.

**TIME-ALIGNMENT**

n/a

Precise co-planar driver arrangement.

**SUBWOOFER AMPLIFIER**

Class-D amplifier with 2 x 500 W, modified switching power supply with fast power supply and 10-band parametric DSP.

Class-D amplifier with 500 W, modified switching power supply with fast power supply and 8-band graphic EQ.

**CABINET TYPE**

Sealed enclosure.

Downfire single-port bass reflex cabinet.

**SUBWOOFER DRIVER**

2 x 12" drivers with 3" voice coil

2 x 12" driver with innovative 6" voice coil and solid flat-profile die-cast basket.

**POWER AMPLIFIER MODULE IN THE REAR**

Permanently installed, for semi-active operation (subwoofer power amplifier).

Interchangeably built-in, to accommodate semi-active and fully active modules. Multi-profile continuous cast heatsinks.

**INSTALLATION OF THE TWEETER CROSSOVER**

Internal board of the amplifier module.

Separate and shielded module/metal box.

**CONNECTIONS ITRON ACTIVE MODULE**

n/a

XLR female for signal in, XLR male for subwoofer out, IEC three-pin for mains voltage.

**DRIVER LEVEL ADJUSTMENT ITRON ACTIVE MODULE**

n/a

Each +/- 1.5 dB for all 2 drivers.

**INPUT GAIN ADJUSTMENT ITRON ACTIVE MODULE**

n/a

10.5 dB in switchable 1.5/3/6 dB steps (addable) with fixed resistors.

**OPERATION MODE ITRON ACTIVE MODULE**

n/a

ON/OFF button, ON/OFF Avantgarde Acoustic wireless system remote control (future option), 12-volt trigger signal, LED display (front, dimmable).

**DEALER SPECIAL MODEL "PASSIVE ITRON SWITCHING UNIT"**

n/a

Special passive crossover board with relay and cable remote control.

**EXTERNAL DIMENSIONS**

W/H/D: 67/169.5/60 cm, 95 kg

W/H/D: 67/173.5/69.5 cm, 108.5 kg