

DUO XD

(2015 - 2022)

VS

DUO SD

(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.

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 17.5 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 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.

1 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 button (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: 67/152.5/65.5 cm, 94 kg