# www.eclipse-td.net

- Specifications and images in this catalogue may be subject to revision without prior notice.
- Product colours may differ from those published.
- The feeling of being present at the original recording can only be achieved so long as the music software reflects the recorded conditions; including microphone settings, mixing, editing and mastering.

## FOR FURTHER INFORMATION (UK & EU)

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# SOUND REVOLUTION

# Just for the Pure Performance

Once, listening to music was all about performance. In fact, the first home audio systems made nearly a century ago, were aimed at recreating the live performance experience. But over time this changed. Audio equipment came to focus more on the technicalities of reproducing a wide range of frequencies accurately, rather than recreating the sound and the spirit of the actual performance itself.

ECLIPSE TD, however, recreates pure performance to reveal the very essence of the artists' passion and craft. We believe that music should be reproduced just as it was created, with nothing added or reduced.

O1 ECLIPSE TO SERIES

# Enjoy Music, Not HiFi

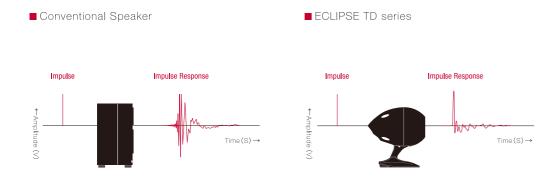
# The Concept of Time Domain

Every element in a HiFi system should reproduce sound faithfully. Not every manufacturer interprets this with the same commitment, but every single component of the ECLIPSE TD series is true to purpose.

Conventional speakers try to create accurate frequency characteristics, in other words accurate notes. They aim to reproduce a flat response from low to high frequencies without distortion.

The ECLIPSE TD series, on the other hand, is designed around the Time Domain theory, which seeks to accurately reproduce the exact timing of the air and sound movement - as it occurred in the original recording. The difference is you feel the sense of 'being there', at the original sound event. We could only achieve this using our own unique technology.

# Impulse Response Comparison



The closer the similarity between the input signal waveform (Impulse) and the output signal waveform (Impulse Response), the more accurate the sound reproduction.

Time Domain theory is an audio theory proposed by Hiroyuki Yoshii, President of TimeDomain Corporation.

# **Experience Pure Sound**

ECLIPSE TD lifts a veil between you and the music you most enjoy. Without the distortion caused by conventional speakers you can discover new subtleties and details you never heard before.

## ■ Conventional Speaker



## ■ ECLIPSE TD series



You can only recreate the sound precisely by reproducing each element of sound faithfully.

O3 ECUPSE TO SERIES CONTROL OF THE C

# Beautiful Sound from a Natural Form

# Pure Design for Sound

ECLIPSE TD speakers' unique and beautiful design provides the ideal platform for the core elements of accurate sound reproduction: clarity, spatial reproduction and timing.

The rigid, yet tactile egg-shape means that no two surfaces are in the same plane, so internal standing and diffraction waves normally formed at the front baffle edges are largely eliminated.

A conical anchor weight is attached to the back of the drive-unit magnet to act as a mass sink, which 'grounds' the drive-unit. This ensures that the only air movement is that generated by the cone tracking the original performance.

In all ECLIPSE TD speakers, a sophisticated diffusion stay holds the driver securely. Then the drive unit is mounted in a floating mechanism so no residual vibrations are transferred from the unit itself to the enclosure.



# **Clarity** of Sound

# Reproducing ALL the Recorded Sound

Speakers are often described as 'soft' or 'warm' to convey their character. Actually, these phrases refer to extra colourations they add themselves. They aren't on the original recording. Once these are removed, more of the real essence of the recording is revealed.

With ECLIPSE TD you can actually experience what it is that makes a Stradivarius an exceptional violin. You can feel the nuances of a guitarist's fingers, manipulating the strings. Without any distortion there is more of the true sound to experience and enjoy.



D5 ECLIPSE TO SERIES ECLIPSE TO SERIES



# See More in Sound

# Listen to Sound, Not Speakers

Real sound happens in the space around you. ECLIPSE TD speakers produce sound stereoscopically from the air, so you hear sound, just as you would in the best concert seat or right inside a scene of a film.

We believe in original sound.



# **Perfect** Performance

# Feel the Artists' Skill

Rhythm depends upon recreating the clear beginning and ending of a sound. Our technology preserves this because the driver is able to react instantaneously to move the air when needed and then stop immediately. This not only accurately reproduces sound, but also the exact timing of every note.

World-class musicians recognise the ability of ECLIPSE TD speakers to reproduce live sound better than conventional speakers.

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## Significant Recognition from Serious Professionals





"They combine the accuracy which up to now seemed to be only possible with professional headphones and all the conveniences of loudspeaker listening."

Former Director of Deutsche Grammophon Recording Centre and Founder of the Emil Berliner House



Simon Osborne Mixer/Engineer/Producer

"These speakers sound as fantastic as they look. The stereo image is one of the best I have heard."

Grammy Award winner for 'Best Pop Album 1999' for Sting's 'Brand New Day





"They are, quite simply, an acoustic extension of my piano. It gives me the benefit of absolutely faithful sound reproduction."

Renowned composer of contemporary music and award-winning film scores





"These speakers are not "one of the best" near field monitors I've ever listened to, but probably "the best."

Grammy Award winner for 'Best Contemporary Jazz Album 1994, 1997 & 2003'

## Global Acclaim



















# United Kingdom

HiFi+ Product of the Year 2007, Subwoofer Category HiFi News Outstanding Product, January 2009 Gold Award 2006. Best Subwoofer over £1000 Category HiFi Choice Editor's Choice, Award 2006 Editor's Choice, March 2006 TD510 What HiFi TD712zMK2 5 Star, Speaker £1500 and above Category, September 2009 5 Star, Subwoofer Category, October 2006 5 Star, Speaker £500-£1500/pair Category, March 2006 5 Star, Dock Systems £100-£500/set Category, August 2007 TD725sw TD510 Reference Status, March 2007 (for front TD712z, rear TD510 + TD725sw 5.1ch System) Reference Status, March 2007 (for front TD712z, rear TD510 + TD725sw 5.1ch System) Home Cinema Choice Т3 TD508I 5 Star & Test Winner, August 2007 MacUser TD307PAI 5 Mice, 26 October 2007 MacFormat 5 Star, September 2007 TD307PAI 4 Star, November 2007

## Japan

#### TD712zMK2

HIVI: Grand Prix, Speaker Category, Grand Prix 2009

HIVI: 2nd Prize, Speaker Y400K-Y700K Category, Summer Best Buy 2009

HIVI: 2nd Prize, Speaker Y400K-Y700K Category, Winter Best Buy 2009

On-gen Publishing: Gold Prize, Speaker Y500K-Y1M Category, Pure Audio Grand Prix Summer 2009

On-gen Publishing: Gold Prize, Speaker Y500K-Y1M Category, Pure Audio Grand Prix 2010 On-gen Publishing: Bronze Prize, Audio Excellence Award 2010

## MJ Musen & Jikken: Technology of the Year, Speaker Category, 28th MJ Annual Award

## TD510

HiVi: 2nd Prize, Speaker Y100K-Y300K Category, Winter Best Buy 2005
HiVi: 3rd Prize, Speaker Y100K-Y300K Category, Summer Best Buy 2007
On-gen Publishing: Grand Prix, Home Theatre Category, Visual Grand Prix 2006
On-gen Publishing: Award, Speaker Category, Visual Grand Prix 2007
On-gen Publishing: Award, Speaker Category, Visual Grand Prix 2007
On-gen Publishing: Award, Speaker Category, Visual Grand Prix Summer 2007
On-gen Publishing: Award, Speaker Category, Visual Grand Prix 2009
On-gen Publishing: Award, Speaker Category, Pure Audio Grand Prix 2010
On-gen Publishing: Award, Speaker Category, Pure Audio Grand Prix 2010
On-gen Publishing: Award, Speaker Category, Audio Excellence Award 2006
On-gen Publishing: Award, Small Speaker Category, Audio Excellence Award 2006
Japan Industry Design Promotion Organisation: Good Design Award, 2006

## TD50

On-gen Publishing: Award, Speaker Category, Visual Grand Prix 2006
On-gen Publishing: Award, Speaker Category, Visual Grand Prix 2007
On-gen Publishing: Award, Speaker Category, Visual Grand Prix Summer 2007
On-gen Publishing: Award, Speaker Category, Visual Grand Prix Summer 2009
On-gen Publishing: Award, Speaker Category, Pure Audio Grand Prix 2010
On-gen Publishing: Award, Small Speaker Category, Audio Excellence Award 2006
Japan Industry Design Promotion Organisation: Good Design Award, 2006

## TD3071

Home Theatre: Award, Speaker Category, Home Theatre Grand Prix 2009
On-gen Publishing: Award, Speaker Category, Visual Grand Prix Summer 2007
On-gen Publishing: Award, Speaker Category, Visual Grand Prix 2008
On-gen Publishing: Award, Speaker Category, Pure Audio Grand Prix 2010

## TD307THI

HiVi: 3rd Prize, Multi-Channel Speaker Category, Summer Best Buy 2007
HiVi: 2nd Prize, Multi-Channel Speaker Category, Winter Best Buy 2007
HiVi: 3rd Prize, Multi-Channel Speaker Category, Winter Best Buy 2008
On-gen Publishing: Bronze Prize, Visual Grand Prix Summer 2007
On-gen Publishing: Grand Prix, Home Theatre Category, Visual Grand Prix Summer 2007
On-gen Publishing: Award, 5.1ch Speaker System Category, Visual Grand Prix Summer 2007
On-gen Publishing: Bronze Prize, Visual Grand Prix 2008
On-gen Publishing: Award, Home Theatre Category, Visual Grand Prix 2008
On-gen Publishing: Award, 5.1ch Speaker System Category, Visual Grand Prix 2010

On-gen Publishing: Gold Prize, Package Speaker Category, Home Theatre Grand Prix Summer 2010

#### TD307P

On-gen Publishing: Award, Home Theatre System Category, Visual Grand Prix Summer 2007
On-gen Publishing: Top Prize, Home Theatre System Category, Visual Grand Prix Summer 2008
MJ Musen & Jikken: Technology of the Year, Speaker Category, 26th MJ Annual Award
Japan Industry Design Promotion Organisation: Good Design Award, 2007

Japan Industry Design Promotion Organisation: Good Design Award, 2007

TD725sw

Stereo Sound: 1st Prize, Subwoofer Category, The Best Buy Components 2006-07
Stereo Sound: 2nd Prize, Subwoofer Category, The Best Buy Components 2007-08

Stereo Sound: 1st Prize, Subwoofer Category, The Best Buy Components 2008-09 HiVi: Grand Prix, Peripheral Category, Grand Prix 2006 HiVi: 1st Prize, Subwoofer Category, Summer Best Buy 2006

HiVI: 1st Prize, Subwoofer Category, Summer Best Buy 2006
 HiVI: 1st Prize, Subwoofer Category, Winter Best Buy 2006
 HiVI: 1st Prize, Subwoofer Category, Summer Best Buy 2007

HiVi: 1st Prize, Subwoofer Category, Winter Best Buy 2007 HiVi: 1st Prize, Subwoofer Category, Summer Best Buy 2008

HiVi: 1st Prize, Subwoofer Category, Winter Best Buy 2008 HiVi: 1st Prize, Subwoofer Category, Summer Best Buy 2009 HiVi: 1st Prize, Subwoofer Category, Winter Best Buy 2009

On-gen Publishing: Silver Prize, Visual Grand Prix Summer 2006 On-gen Publishing: Grand Prix, Home Theatre Category, Visual Grand Prix Summer 2006

On-gen Publishing: Grand Prix, Critics' Choice Category, Visual Grand Prix Summer 2006 On-gen Publishing: Award, Subwoofer Category, Visual Grand Prix Summer 2006 On-gen Publishing: Grand Prix, Home Theatre Category, Visual Grand Prix 2007

On-gen Publishing: Grand Prix, Product R&D Category, Visual Grand Prix 2007 On-gen Publishing: Award, Subwoofer Category, Visual Grand Prix 2007

On-gen Publishing: Grand Prix, Golden Long-run Award, Visual Grand Prix Summer 2007
On-gen Publishing: Award, Subwoofer Category, Visual Grand Prix Summer 2007

On-gen Publishing: Gold Prize, Subwoofer Y200K and above Category, Visual Grand Prix Summer 2009 On-gen Publishing: Gold Prize, Subwoofer Y200K-Y500K Category, Visual Grand Prix 2010

On-gen Publishing: Gold Prize, Subwooter ¥200K-¥500K Category, Visual Grand Prix 2010
On-gen Publishing: Gold Prize, Speaker & Subwooter Category, Home Theatre Grand Prix 2010
On-gen Publishing: Penas Prize, Audio Excellence Auged 2007.

On-gen Publishing: Bronze Prize, Audio Excellence Award 2007
On-gen Publishing: Top Prize, Product General Category, Audio Excellence Award 2007

Swing Journal: Grand Prix, Non-Category, Jazz Component Award 2006 MJ Musen & Jikken: Technology of the Year, Speaker Category, 25th MJ Annual Award

## 316SV

On-gen Publishing: Award, Subwoofer Category, Visual Grand Prix 2004
On-gen Publishing: Award, Subwoofer Category, Visual Grand Prix 2005
On-gen Publishing: Award, Subwoofer Category, Visual Grand Prix Summer 2007
On-gen Publishing: Award, Subwoofer Category, Visual Grand Prix 2008

On-gen Publishing: Award, Subwoofer Category, Visual Grand Prix 2008
On-gen Publishing: Award, Subwoofer ¥100K or less Category, Visual Grand Prix 2010
On-gen Publishing: Award, Product General Category, Audio Excellence

## TDA501T

On-gen Publishing: Award, Audio Amplifier Category, Visual Grand Prix Summer 2007 On-gen Publishing: Award, Audio Amplifier Category, Visual Grand Prix 2008

as of May 2010

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# **TD712zMK2**

φ12cm Speaker

Ultimate High Fidelity

The Perfect Evolution







We have refined the design of this ECLIPSE TD flagship speaker to achieve an even better dynamic range with improved power handling.

So now, the artistry of music, the thoughts and feelings of artists themselves, the distinctive sounds of each instrument, the exquisite harmonies woven from numerous musical notes – you can experience it all with the new TD712zMK2 like you've never experienced it before.

## TD712zMK2-S Short Stand

Colour Available SV

Maximum Dimensions (mm) W347×H611×D431

Weight (per Speaker) 18.0kg

## TD712zMK2 Regular Stand

## TD712zMK2BK-S Short Stand

## TD712zMK2BK Regular Stand





# **TD510** A Slice of the Esoteric A Direct Descendant from the Original 512 Model





TD510 has significantly improved high frequency characteristics and reproduces an unimaginably tight low frequency from its 10cm drivers. Thanks to some innovative design features, including adjustment to the angle of the head unit, this model can be used in a variety of locations from desktop to floor stand, or to be unobtrusively mounted on wall or ceiling. Combine five of the same speakers with one of our subwoofers to form a stunning multi-channel system for surround sound or home cinema.

## TD510sv/bk/wh

Colour Available SV BK WH Maximum Dimensions (mm) W240×H362×D345 Weight (per Speaker) 9.3kg

Speaker Stand Wall/Ceiling Bracket CB1



# TD508II

Distinctive Design

Our Core Features in an Easily Accommodated Design







The TD508 $\ensuremath{\mathbb{I}}$  is the smaller sibling to the TD510 but with the same technology and design. It offers outstanding performance for stereo and surround sound from its compact, 8cm drive-unit. Thanks to its small size it can fit neatly and stylishly with any living space. It can be mounted on a dedicated stand, desk or ceiling.

## TD508[[sv/bk/wh

Colour Available SV BK WH Maximum Dimensions (mm) W160×H242×D225 Weight (per Speaker) 2.8kg















This is the smallest speaker in ECLIPSE TD series, but uses the same technologies as its bigger brothers. It offers high-quality sound reproduction not previously available in this class and size of speaker. Thanks to its light weight (1.5kg) and 360-degree adjustment, it is easy to mount on cabinets or ceilings or used with the dedicated D5II stand for a floor standing option.

## TD307IIsv/BK/WH

Colour Available SV BK WH

Maximum Dimensions (mm) W130×H195×D176

Weight (per Speaker) 1.5kg

Ontion

Speaker Stand D5 II su/WH



# TD307PAII

φ6.5cm Speaker & Amplifie

The Ultimate, Compact, High Quality Sound System







The TD307PAII is ideal for laptops, TV's and portable devices and is child's play to setup.

The system consists of a pair of TD307II speakers, the amplifier and all the basic cables to get you started. It can be connected to a variety of music players and offers 2 inputs, one via a 3.5mm stereo mini-jack and one via RCA phono. The amplifier also includes a dedicated subwoofer output. Add the 316SW to create a 'designer' 2.1ch system.

# TD307PAIIsu/BK/WH

Colour Available SV BK WH
Speaker as TD307II
Amplifier as TD4501 II







# TD725sw \$\phi\$25cm \times 2 Subwoofer

The New Benchmark for Performance

Incorporating Revolutionary Technology







Although a subwoofer can enhance a system, it is also too often blamed for 'spoiling' the purity of the sound.

The ability to create powerful deep bass is not enough by itself. A subwoofer must have enough agility to reproduce bass with the correct timing. The TD725sw provides the answer by using twin 25cm drivers in an R2R array that delivers power and accuracy. Along with a first rate high-speed operation, the driver mechanism is decoupled from the enclosure, to deliver a cleaner uncoloured sound.

## TD725sw





 $\phi$ 16cm Subwoofe

High-Speed Bass

Compact Size for the Home Environment







The 316SW meets the same design criteria for high-speed response as other ECLIPSE TD models. The die-cast aluminium enclosure is shaped so that no two radial surfaces are in the same plane. The 16cm drive-unit is connected to a high mass, conical anchor and is held by a sophisticated diffusion stay. The whole driver mechanism is decoupled from the cabinet and the driver fires upwards, dispersing the sound into the room by reflecting the sound off a diffuser plate.



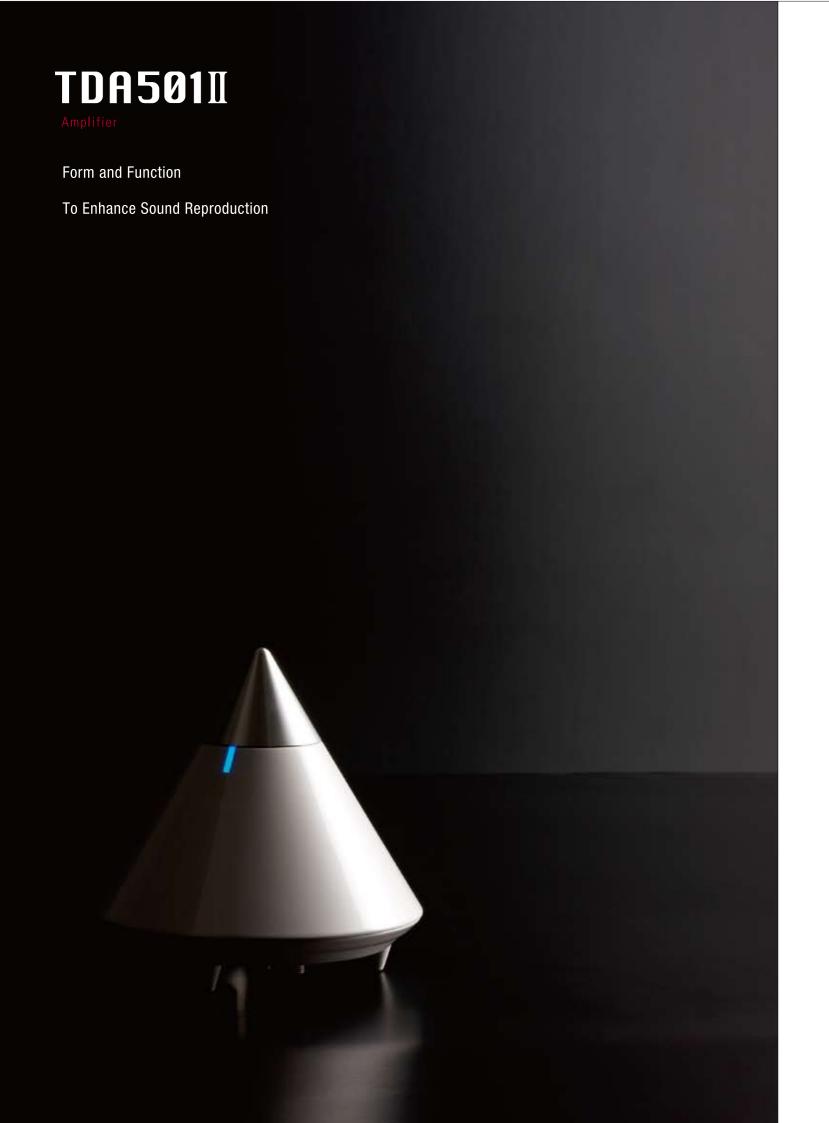
Colour Available SV

Maximum Dimensions (mm) W236×H354×D301

Weight 16.2kg











Like all our range, this amplifier is available as an individual item. This 'enhanced' amplifier has gold plated connections to ensure the purity of signal transfer. There is no tone control or equalizing function as these would degrade the sound quality. The conical shape is the key to reducing mechanical vibrations, as no two radial surfaces are in the same plane.

All input and output options are the same as those detailed for the TD307PA $\ensuremath{\mathbb{I}}$  system.

## TDA501IIsv/BK/WH

Colour Available SV BK WH
Amplifier

Maximum Dimensions (mm) W159×H154×D137 Weight 930g

AC Adapter

Maximum Dimensions (mm) W121×H33×D56 Weight 360g



# TD712zMK2-S **TD712zMK2**



# TD712zMK2BK-S TD712zMK2BK



## ₱12cm Speaker

- · Colour Available
- Unit
- Frequency Response
- Efficiency/Sensitivity
- Input Resistance (Rating/Max)
- Impedance
- Maximum Dimensions (mm)
- Weight (per Speaker)
- Adjustable Head Angle

SV

φ12cm Full Range

35Hz-26kHz (-10dB)

84dB/W-m

35W/70W

 $6\Omega$ 

W347×H611×D431 TD712zMK2-S

W347×H1000×D431 TD712zMK2

18.0kg TD712zMK2-S

25.0kg TD712zMK2

0°~12°

# 

φ12cm Full Range

35Hz-26kHz (-10dB)

84dB/W-m

35W/70W

W347×H611×D431 тD712zMK2вк-S

W347×H1000×D431 тD712zMK2вк

18.0kg тр712zMK2вк-S

25.0kg тD712zMK2вк

 $0^{\circ}\sim12^{\circ}$ 

# TD510su/BK/WH

# TD508IIsu/BK/WH



# TD307IIsu/BK/WH



# ₱10cm Speaker

φ10cm Full Range

45Hz-20kHz (-10dB)

83dB/W-m

20W/40W

W240×H362×D345

9.3kg

Foot/Base -10°~30°

D6 Floor Stand -10°~20°

CB1 Wall/Ceiling Bracket -60°~10°

# ø8cm Speaker



55Hz-20kHz (-10dB)

81dB/W-m

12W/24W

W160×H242×D225

2.8kg

Foot/Base -10°~30°

D3 II Floor Stand -10°~20°

CB1 Wall/Ceiling Bracket -60°~10°

# ₱6.5cm Speaker



φ6.5cm Full Range

100Hz-25kHz (-10dB)

80dB/W-m

12W/24W

8Ω

W130×H195×D176

1.5kg

Foot/Base -25°~90°

D5 I Floor Stand -10°~20°

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# **ТD725**sw







## \$\phi 25cm x 2 Subwoofer

Colour Available	●вк
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 Configuration R2R Twin Drive-Units, sealed enclosure

• Unit Ф25cm x 2

 Frequency Response 20Hz-200Hz (-10dB) (at Bass Mode, L.P.F. 200Hz)

• Efficiency/Sensitivity

 Rated Output 500W (T.H.D. 1%)

40Hz-200Hz (variable) Crossover

• L P F 40Hz-200Hz (variable, on & off) • H.P.F. 40Hz-200Hz (variable, on & off)

0/180° (remote control) Phase Changes

• Play Mode Direct/Bass (remote control)

· Harmonic Distortion 0.05% max (at 50Hz,1/2 rated output)

• S/N 95dB minimum

Line (stereo) 1 Input

XLR (stereo) 1 (2nd hot)

Speaker Level 1

· Input Impedance 10k $\Omega$  by Line/XLR

 $3k\Omega$  by Speaker Level

• Output Line (stereo) 1

Speaker Level 1

 Power Consumption 65W (standby: 8W)

 Maximum Dimensions (mm) W517×H473×D503

• Weight 42.4kg

 Remote Control Yes

## ₱16cm Subwoofer

SV

Φ 16cm (double voice-coil)

40Hz-200Hz (-10dB)

80.5dB/W-m

30W x 2 (T,H,D, 0.2%)

40Hz-200Hz (variable)

0/180°

0.05% max (at 100Hz,1/2 rated output)

Line (stereo) 1

Line (stereo) 1

46W

W236×H354×D301

16.2kg No

TDA501IIsu/BK/WH



# Amplifier

· Colour Available • Frequency Response

Rated Output

Input

SV BK WH

10Hz-100kHz (+0, -3dB)

12W (T,H,D, 1%)

· Harmonic Distortion 0.05% max (at 1kHz,1W output)

Line (stereo) 1

Line (stereo mini) 1

10kΩ · Input Impedance

180mVrms (at 12W output) • Input Sensitivity

8Ω

90Hz (-3dB) • Cut-off Frequency

Output

· Load Impedance

Power Consumption

18W

Maximum Dimensions (mm)

Amplifier W159 x H154 x D137

AC Adapter W121 x H33 x D56

• Weight Amplifier 930g

AC Adapter 360g

Line (stereo mini) 1

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# TD307PAIIsu/BK/WH



## ₱6.5cm Speaker & Amplifier

Colour Available





SV BK WH

as TD307II

as TDA501Ⅱ

• Amplifier

Speaker

Accessories

speaker cable(3.0m) x 2

stereo mini <- -> stereo mini(1.6m) x 1

stereo mini <- -> RCA phono(1.6m) x 1

security wire for fall prevention x 2

# **D6** su/шн



# D3IIsv/wh



# D6 Speaker Stand for TD510

Colour Available

Material

• Weight(per stand)

SV WH

Steel/Aluminium

W340 x H710 x D355 Maximum Dimensions(mm)

12.6kg

# D3II Speaker Stand for TD508II

SV WH

Steel/Aluminium

W316 x H740 x D331

8.2kg

# D5IIsu/wh



# CB1



Wall/Ceiling Bracket for TD510/TD508II

# D5II Speaker Stand for TD307II

Colour Available

Material



Steel/Aluminium

W206 x H785 x D216 · Maximum Dimensions(mm)

2.8kg

• Weight(per stand)

Hard Polystyrene/Steel

Spacer  $\phi$ 110 x thickness 5

Bracket  $\phi$ 131 x thickness 1.6

120g(per bracket)

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