



Latest information is available through our web site and Facebook.
Access them for interviews with the world top artists and information about demonstration
events at one of our stockists, as well as detailed information on all of our products.

www.eclipse-td.com

ECLIPSE Home Audio Systems | Facebook

- 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.

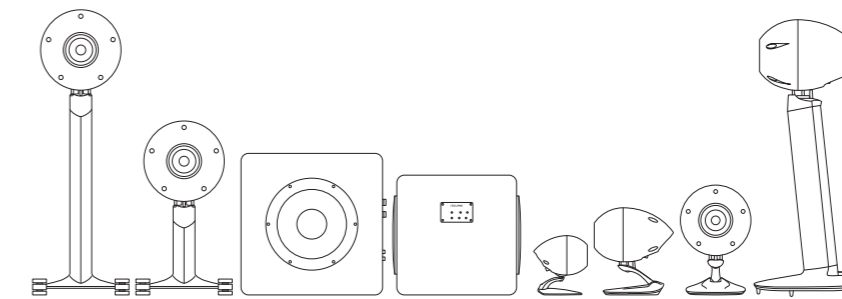
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ECLIPSE™



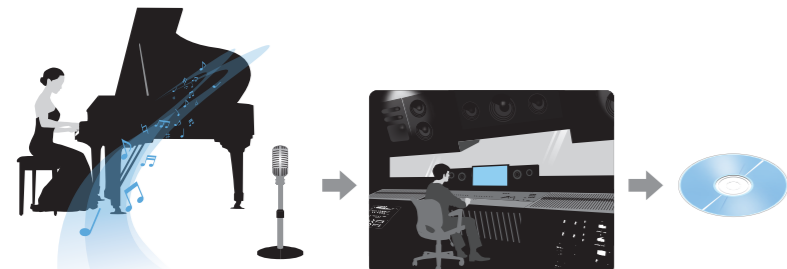
Home Audio Systems

ECLIPSE Sound

Our ultimate aim is to reproduce sound accurately. There is an art captured in a recording which is created by the skill and passion of the artist and the recording engineer. Accuracy is the focus of our speakers, and capturing the art within a recording is the sound of ECLIPSE.



Sound is transmitted by air movement

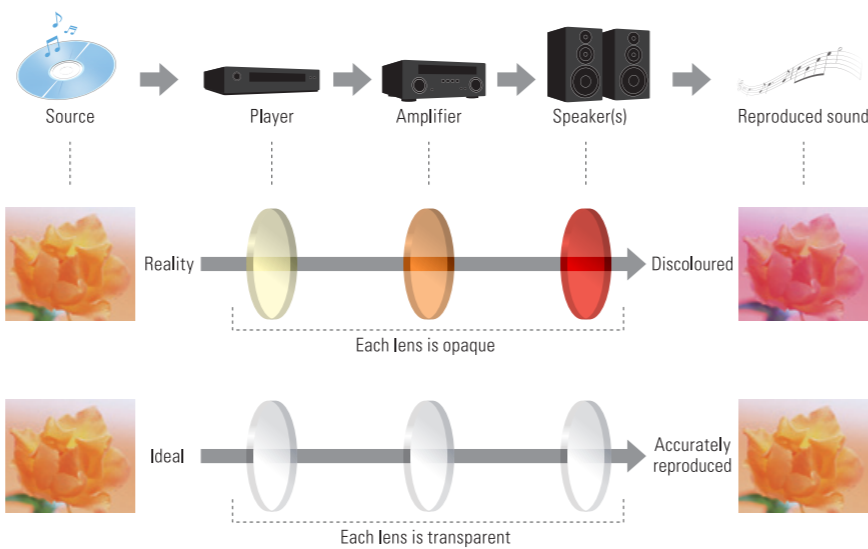


A Sound recording is the conversion of air movement to data

Transparency

When comparing an audio device to a camera lens, the ideal is to be transparent, to accurately reproduce the original colours without taking some away or adding any of our own. Our speakers aim to be completely transparent, so as to perfectly reproduce the original sound.

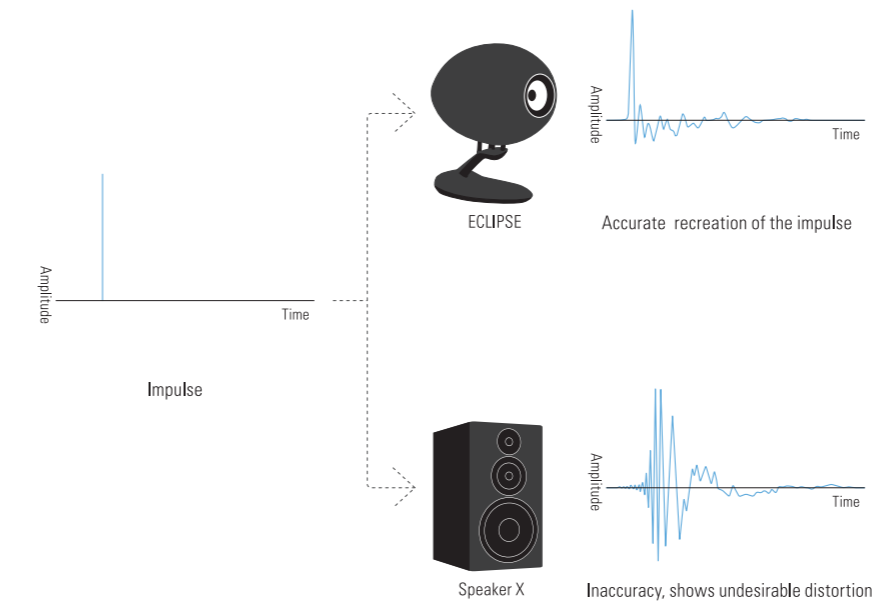
< Comparing an audio device to a camera lens >



Focus on the fundamentals

When you reproduce an image, you need to ensure each single pixel works correctly. In sound, a speaker needs to be able to accurately reproduce the impulse; the minimum unit of sound that contains almost all information, such as phase characteristics and time information, as well as frequency response.

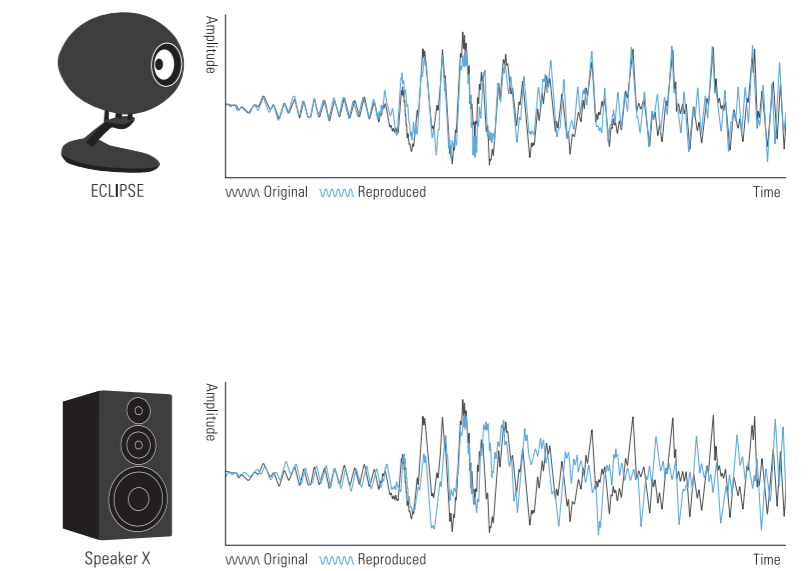
< Impulse responses comparison >



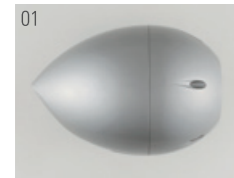
Accurate impulse reproduction = Accurate music playback

The diagram below shows a comparison of a recorded waveform and a waveform reproduced by a speaker. By overlapping these together it is clear to see that ECLIPSE barely has a delay, enabling a reproduction of sound that is close to the source, thanks to the superior impulse reproduction accuracy.

< Sound waveforms comparison >

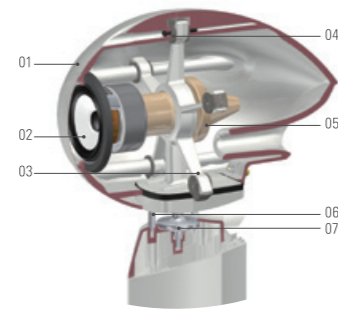


Strikingly original technologies inside and out



Egg-shaped Form

Adoption of egg-shaped rounded form that is rigid and has no duplication of identical surface radius, instead of a square-shaped box form, which is one of the causes of sound waveform disturbance. This form controls internal standing waves and gives a diffraction effect along the edge of speaker front panel, enabling more accurate reproduction of a sound waveform.



Original Full Range Driver

The Driver is compact, light, rigid, and uses a diaphragm with appropriate internal loss. In addition, an installed powerful magnetic circuit enables quick and accurate stroke that is hard for a large-aperture speaker to achieve.



Eliminating Vibrations & Acoustic Solutions

Use of special material, which eliminates vibrations and is effective for airtightness of the enclosure, for every contact point of the enclosure, speaker driver, and diffusion stay.



Well Damped Stand

Three spikes and a unique firm structure make the point contacts between the speaker driver and stand. The stand is designed to be thin to prevent interference with sound waveform, and is made with material that is rigid and capable of eliminating natural vibrations.



Diffusion Stay

Adoption of our innovative "Virtual Floating Structure" that mounts the speaker driver onto a five-pillar "Diffusion Stay" in order to prevent unwanted vibrations of the speaker driver from reaching the enclosure.



Mass Anchor

A cone-shaped anchor (Mass Anchor) is attached to the back of the driver as a solid support for high-speed forward and back movement of the speaker driver, achieving the ideal movement of the speaker driver.



Angle Adjustment Function

Continuously adjusting the speaker angle allows you to set the listening point more precisely it also provides more flexibility to adjust speaker setting according to its environment, resulting in more precise reproduction of the original spatial information.

The 3 core values of the ECLIPSE Sound



Clarity

Hearing all the detail clearly

Through ECLIPSE TD speakers you can actually appreciate the quality of sound that makes a Stradivarius an exceptional violin. You can hear the artistry of a guitarist's fingers, manipulating the strings. Without any distortion there is more of the natural sound to experience and enjoy.



Space Reproduction

Painting an accurate acoustic image of the time and space within the recording

When a speaker doesn't add its own resonance, the speaker disappears from the scene altogether and what you hear and experience is the three dimensional stereo image. Natural sound occurs in the space around you, just as it would in the best concert seat or on the set of a film.



Speed

Accurate rhythm reproduction

Rhythm depends upon recreating the precise beginning and ending of a sound. Our technology captures this pin point timing because the driver can react instantaneously to move the air, and then dampen this movement immediately for the exact timing of every note.

Significant recognition from world-class professionals

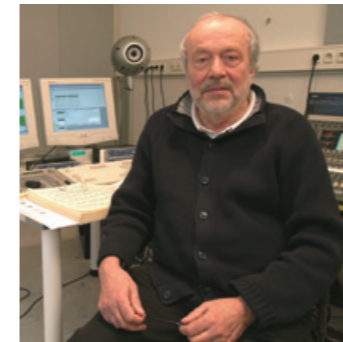


Jim Anderson

Recording Engineer

"My experience is that I'm not aware that I'm listening to speakers, only music, and that's the highest compliment that I can give any speaker."

Multiple Grammy Award winning recording engineer and producer for his works including 'Best Surround Sound Album 2013' for Patricia Barber's 'Modern Cool', ex-chairman of Audio Engineering Society (2008-09)



Klaus Hiemann

Balance Engineer

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

Grammy Award winning Tonmeister, Recording Producer, ex-director of Deutsche Grammophon Recording Centre and founder of the Emil Berliner House



Michael Nyman

Composer/Pianist

"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



Akira Fukada

Recording Engineer

"The clarity and resonance of music has been captured by Eclipse TD speakers. Only they convey true music."

Formerly chief engineer of Sony Music Entertainment and NHK (Japan Broadcasting Corporation), a surround sound recording specialist (who was responsible for developing the surround recording technique known as 'Fukada Tree' in 1997), an AES fellow and member of the Institute of Professional Sound



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'



Randy Brecker

Jazz Trumpeter

"I liked the warmth and full spectrum quality of the sound. Plus they really look too cool!"

Grammy Award winner for 'Best Contemporary Jazz Album' in 1994, 1997, 2003 & 2008 and 'Best Large Jazz Ensemble Album' in 2006

Global acclaim

United Kingdom



TD712zMK2
The-Ear.net, 5 Star, July 2018
What Hi-Fi?, The best 30 Hi-Fi speaker of What Hi-Fi's Lifetime, March 2018
Hi-Fi World, 5 Glove, July 2011
Hi-Fi+, Highly Recommended, Product of the Year 2010
What Hi-Fi?, 5 Star, September 2009

TD510ZMK2
Stereonet, Applause Award, February 2020
Hi-Fi Critic, Audio Excellence Award, November 2019
Hi-Fi Pig, Highly Recommended, June 2019
Hi-Fi Choice, 5 Star & Editor's Choice, September 2018
What Hi-Fi?, 5 Star, August 2012

TD510MK2
AV Forums.com, Highly Recommended, January 2018
the-Ear.net, Best Buy, April 2017
Trusted Reviews.com, Recommended, March 2017

TD508MK3
Hi-Fi+, 20th Anniversary Top 100 Products, 2019
Hi-Fi World, 4 Glove, September 2018
MacWorld UK, 5 Mice & Editor's Choice, February 2015
AV Forums.com, TD508MK3, Highly Recommended, April 2015
What Hi-Fi?, 5 Star, June 2013

TD725SWMK2
Hi-Fi+, 20th Anniversary Top 100 Products, 2019
Home Cinema Choice, Recommended, 2018

TD520SW
Hi-Fi Critic, Audio Excellence Award, November 2019
Hi-Fi Choice, 5 Star & Editor's Choice, September 2018
the-Ear.net, Best Buy, April 2017
Trusted Reviews.com, Recommended, March 2017
Hi-Fi World, 5 Glove, November 2016
Home Cinema Choice, Best Buy, August 2015
AV Forums.com, Highly Recommended, April 2015

United States

Stereophile
TD712zMK2
2018 Recommended Components
2017 Recommended Components Fall Edition
2017 Recommended Components
2016 Recommended Components Fall Edition
2016 Recommended Components
2015 Recommended Components Fall Edition



Japan



TD712zMK2
On-gen Publishing: Gold Prize, Speaker ¥500K-¥1M Category, VGP 2015
On-gen Publishing: Gold Prize, Speaker ¥600K-¥1M Category, VGP 2015 Summer
On-gen Publishing: Gold Prize, Speaker ¥600K-¥1M Category, VGP 2016
On-gen Publishing: Gold Prize, Speaker ¥600K-¥1M Category, VGP 2017 Summer
On-gen Publishing: Gold Prize, Speaker ¥750K-¥1M Category, VGP 2020

TD510ZMK2
On-gen Publishing: Gold Prize, Speaker ¥400K-¥600K Category, VGP 2017 Summer
On-gen Publishing: Gold Prize, Speaker ¥400K-¥600K Category, VGP 2018
On-gen Publishing: Gold Prize, Speaker ¥400K-¥600K Category, VGP 2018 Summer

TD510MK2
On-gen Publishing: Gold Prize, Speaker ¥200K-¥400K Category, VGP 2017
On-gen Publishing: Gold Prize, Speaker ¥200K-¥300K Category, VGP 2018 Summer
On-gen Publishing: Gold Prize, Speaker ¥200K-¥300K Category, VGP 2019
On-gen Publishing: Gold Prize, Speaker ¥200K-¥300K Category, VGP 2019 Summer

TD508MK3
On-gen Publishing: Gold Prize, Speaker ¥100K Category, VGP 2015
On-gen Publishing: Gold Prize, Speaker ¥100K Category, VGP 2018 Summer
On-gen Publishing: Gold Prize, Compact Speaker Category, Home Theatre Grand Prix 2019

TD307MK2A
On-gen Publishing: Gold Prize, Speaker ¥100K Category, VGP 2020
On-gen Publishing: Gold Prize, Compact Speaker Category, Home Theatre Grand Prix 2018

TD725SWMK2
HiVi: 1st Prize, Subwoofer Category, Summer Best Buy 2015
HiVi: 1st Prize, Subwoofer Category, Winter Best Buy 2015
HiVi: 1st Prize, Subwoofer Category, Summer Best Buy 2016
HiVi: 1st Prize, Subwoofer Category, Winter Best Buy 2016
HiVi: 1st Prize, Subwoofer Category, Summer Best Buy 2017
HiVi: 1st Prize, Subwoofer Category, Winter Best Buy 2017
HiVi: 1st Prize, Subwoofer Category, Summer Best Buy 2018
HiVi: 1st Prize, Subwoofer Category, Winter Best Buy 2018
HiVi: 1st Prize, Subwoofer Category, Summer Best Buy 2019
HiVi: 1st Prize, Subwoofer Category, Winter Best Buy 2019

On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2015
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2015 Summer
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2016
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2016 Summer
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2017
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2017 Summer
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2018
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2018 Summer
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2019
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2019 Summer
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2020
On-gen Publishing: Gold Prize, Subwoofer Category, Home Theatre Grand Prix 2016
On-gen Publishing: Gold Prize, Subwoofer Category, Home Theatre Grand Prix 2018
On-gen Publishing: Gold Prize, Subwoofer Category, Home Theatre Grand Prix 2019
On-gen Publishing: Bronze Prize, Audio Excellence Award 2015
On-gen Publishing: Special Prize, Audio Excellence Award 2015

TD520SW
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2019
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2019 Summer
On-gen Publishing: Gold Prize, Subwoofer Category, VGP 2020
On-gen Publishing: Special Prize, Audio Excellence Award 2015

as of March 2020

Products

Speakers

TD712zMK2
TD712zMK2-S 06

TD510ZMK2 07

TD510MK2 07

TD508MK3 08

TD307MK2A 08

Subwoofers

TD725SWMK2 09

TD520SW 09

Accessories

508DMK3
CB1 10

SV **BK** **WH**
Silver Black White



Ultimate quality from the ideal speaker

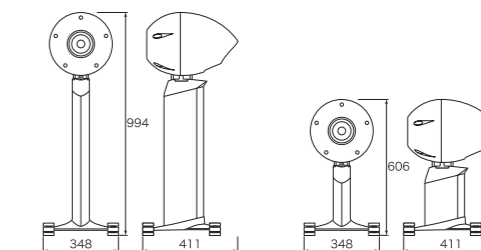
12 cm Diameter Full-range Speaker System

TD712zMK2BK
BK (Regular Stand)

TD712zMK2BK-S
BK (Short Stand)

TD712zMK2
SV Limited Stock

TD712zMK2-S
SV Limited Stock



Speaker Unit	12cm Diameter Full-Range, Fibreglass
Frequency Response	35Hz-26kHz (-10dB)
Efficiency/Sensitivity	84dB/W-m
Input Resistance (Rating/Max)	35W/70W

Basic theory of speakers has stayed the same since their invention, and breakthrough has been considered difficult to achieve. TD712zMK2, however, improved the efficiency of reproduced frequency, as well as impulse response, a fundamental acoustic focus for ECLIPSE, just like athletes who are fighting for 1/100 second of difference. 'Accurate sound' reproduced by the flagship model of the series completely impresses you in a way that you have never experienced before.

Impedance	6Ω
Angle Adjustment	0°-12°
Maximum Dimensions (mm)	W348×H994×D411 (Regular Stand) W348×H606×D411 (Short Stand)
Weight (per Speaker)	Approx. 25.0kg (Regular Stand) Approx. 18.0kg (Short Stand)
Accessories	Grille×1, Plug×5

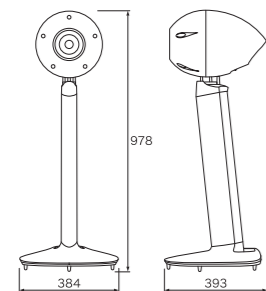


Top of the range 5 Series created through the inheritance of innovation

TD510ZMK2

10 cm Diameter Full-range Speaker System

BK WH



Speaker Unit	10cm Diameter Full-Range, Fibreglass
Frequency Response	42Hz-22kHz (-10dB)
Efficiency/Sensitivity	84dB/W-m
Input Resistance (Rating/Max)	25W/50W
Impedance	6Ω

In order to further improve the playback accuracy of the 5 Series, this model combines with a specially designed stand in the same way as the highest-grade model TD712zMK2 does. Providing angle adjustment function that is essential for clarity of sound image and convenient placement, and giving a clear sound and solid bass tone range close to TD712zMK2, this model achieves the quality that makes it worthy of being our core model and truly the best 5 Series.

Angle Adjustment	-10°~15°
Maximum Dimensions (mm)	W384 × H978 × D393
Weight (per Speaker)	Approx. 19.5kg
Accessories	Grille x1, Plug x5

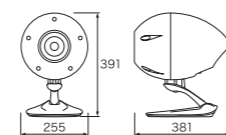
512, The starting product of the series has been innovated even further.

Standard model

TD510MK2

10 cm Diameter Full-range Speaker System

BK WH



Speaker Unit	10cm Diameter Full-Range, Fibreglass
Frequency Response	42Hz-22kHz (-10dB)
Efficiency/Sensitivity	84dB/W-m
Input Resistance (Rating/Max)	25W/50W
Impedance	6Ω

This model was developed based on the technical knowledge/experience acquired since the launch of the original 512 which established a new concept in sound. In addition to the improvement of reproduction of 'accurate sound' that is a common characteristic of this series, this model reproduces recorded information, such as position, depth, and height, even better than before by taking advantage of vertical angle adjusting function that is rare in this class. It is easier to establish a surround sound environment with identical five speakers by attaching them to the ceiling.

Angle Adjustment	On Pedestal: -10°~30° On Ceiling: 10°~75°
Maximum Dimensions (mm)	W255 × H391 × D381
Weight (per Speaker)	Approx. 9.5kg
Accessories	Grille x1, Plug x5

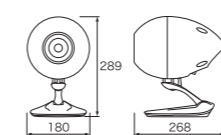
Flexibility for those with limited space and featuring further improvements in sound quality

TD508MK3

8 cm Diameter Full-range Speaker System

BK WH

* Floor stand sold separately



Speaker Unit	8cm Diameter Full-Range, Fibreglass
Frequency Response	52Hz-27kHz (-10dB)
Efficiency/Sensitivity	82dB/W-m
Input Resistance (Rating/Max)	15W/30W
Impedance	8Ω

Although this product has just an 8cm diameter compact driver, it is a high performance over cost model and accurately reproduces artists' breathing, instrument residual tone, and a realistic feeling as if we were at a studio or concert hall as a higher-grade model would. By combining with a dedicated speaker stand '508DMK3' or dedicated bracket 'CB1,' to place the product on floor, wall, and ceiling as you like, it is ideal for the playback of background music at commercial facilities such as café and restaurant where hospitality is important, as well as for a complete audio system at in a home theater or listening room.

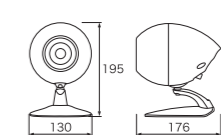
Angle Adjustment	On Pedestal: -10°~30° On Ceiling: 10°~75° On Wall: 20°~75°
Maximum Dimensions (mm)	W180 × H289 × D268
Weight (per Speaker)	Approx. 3.5kg
Accessories	Grille x1, Plug x5

Achieving the best sound quality in the compact class

TD307MK2A

6.5 cm Diameter Full-range Speaker System

BK WH



Speaker Unit	6.5cm Diameter Full-Range, Paper
Frequency Response	100Hz-25kHz (-10dB)
Efficiency/Sensitivity	80dB/W-m
Input Resistance (Rating/Max)	12W/24W
Impedance	8Ω

Being the smallest and lightest in the series, this product still adopts the same technology that the upper models do. Quick movement of a 6.5 cm diameter full-range speaker driver enables reproduction of clear and realistic sound that is far beyond what this class of speaker usually can do. In addition to placing it on a desktop or TV cabinet, it is easy to mount on a wall or ceiling by taking advantage of its light weight.

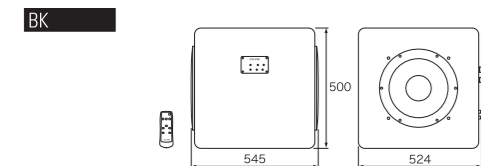
Angle Adjustment	On Pedestal: -25°~30° Vertical, 360° Horizontal On Ceiling and Wall: -25°~90° Vertical, 360° Horizontal
Maximum Dimensions (mm)	W130 × H195 × D176
Weight (per Speaker)	Approx. 1.5kg
Accessories	Grille x1, Safety Cable x1



World-class, ultra-high speed for accurate playback of bass

TD725SWMK2

2 x 25cm Diameter Subwoofers



Configuration	R2R Twin Drive-Units, Sealed Enclosure
Speaker Unit	2 x 25cm Diameter Driver, Paper(Kevlar)
Frequency Response	20Hz-150Hz (-10dB) (at Bass Mode, L.P.F. 150Hz)
Rated Output	500W (T.H.D. 1%)
L.P.F.	30Hz-150Hz (Variable, On & Off)
Phase Adjustment	0/180° (Remote Control or Front Panel)
Play Mode	Bass/Direct (Remote Control or Front Panel)
Harmonic Distortion	0.05% Max (at 50Hz, 1/2 Rated Output)
S/N	95dB Minimum
Input	Line (Stereo) 2/Speaker Level 1 XLR (Stereo) 1 (2nd Hot)

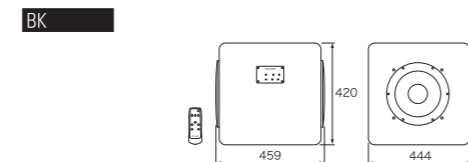
This is an epoch-making subwoofer based on the innovation of the previous model, which continuously won the highest scores from specialized journals in Japan and overseas, in all aspects of performance, function and design. We implemented our own leading-edge technologies including our own 'R2R TWIN DRIVER' structure and others. We also achieved perfect damping performance with which you cannot feel vibration when touching the enclosure. In addition, we aimed at not only the reproduction of a purer bass tone but also a beautiful appearance with a piano-black finish achieved through multiple coatings and polishing.

Input Sensitivity	50mVrms (at 500W Output)
Input Impedance	10kΩ by Line/XLR 3kΩ by Speaker Level
Output	Line (Stereo) 1/Speaker Level 1
Power Consumption	110W (Stand By: 0.5W)
Maximum Dimensions (mm)	W545 x H500 x D524
Weight	Approx. 51kg
Accessories	Grille x 2, Remote Control x 1, Power Cable x 1, Felt Feet x 4

The perfect combination of the power of large drive units with the high speed of smaller ones.

TD520S

2 x 20cm Diameter Subwoofers



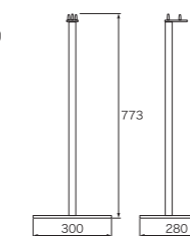
Configuration	R2R Twin Drive-Units, Sealed Enclosure
Speaker Unit	2 x 20cm Diameter Driver, Paper(Kevlar)
Frequency Response	25Hz-150Hz (-10dB) (at Bass Mode, L.P.F. 150Hz)
Rated Output	250W (T.H.D. 1%)
L.P.F.	30Hz-150Hz (Variable, On & Off)
Phase Adjustment	0/180° (Remote Control or Front Panel)
Play Mode	Bass/Direct (Remote Control or Front Panel)
Harmonic Distortion	0.05% Max (at 50Hz, 1/2 Rated Output)
S/N	95dB Minimum
Input	Line (Stereo) 2/Speaker Level 1

While inheriting the world-class capability of reproduction of bass tone, the double 20 cm diameter subwoofers widen your choice of space usage. A compact and highly energy-efficient digital power amplifier assures high volume efficiency of the subwoofer and high energy conversion efficiency. With the same convenience for stereo/surround playback as TD725SWMK2, there are two independent systems, and those systems can be individually controlled to set volume and low-pass filter for each input. In addition, all controls including input switching can be done through a remote controller.

Input Sensitivity	50mVrms (at 250W Output)
Input Impedance	10kΩ by Line/XLR 3kΩ by Speaker Level
Output	Line (Stereo) 1/Speaker Level 1
Power Consumption	65W (Stand By: 0.5W)
Maximum Dimensions (mm)	W459 x H420 x D444
Weight	Approx. 37kg
Accessories	Grille x 2, Remote Control x 1, Power Cable x 1, Felt Feet x 4

508DMK3

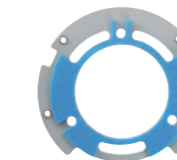
Floor stand for TD508MK3



Maximum Dimensions (mm)	W300 x H773 x D280
Weight (per Stand)	Approx. 5,4kg
Accessories	—

CB1

Installation bracket for TD510MK2/TD508MK3



Maximum Dimensions (mm)	Spacer: Diameter 110 x Thickness 5 Bracket: Diameter 131 x Thickness 1.6
Weight (per Bracket)	Approx. 120g
Accessories	Safety Cable x 1

