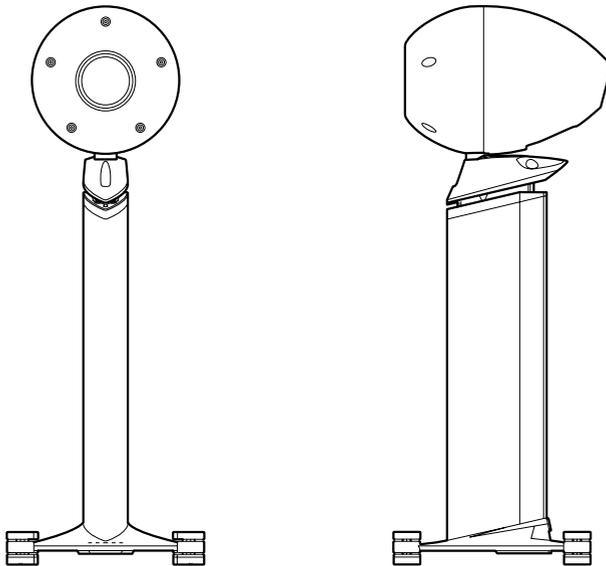




# TD 712 z

## Owner's Manual



Thank you for purchasing the Eclipse TD Speaker 712Z.

Please read this Owner's Manual before use.

Be particularly sure to read the Important Safety Instructions section.

Keep this Owner's Manual together with the Warranty Certificate in a safe place for later reference.

# Foreword

## Contents

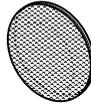
Important Safety Instructions .....	13
Notes on Use .....	14
Part Names and Functions/Connections .....	15
Assembly Instructions .....	16
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## Accessories

12cm speaker x 1



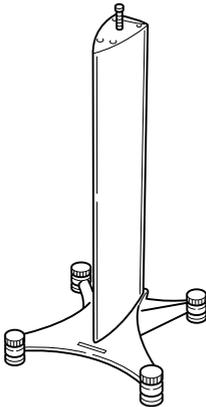
Protective cover x 1



Hexagonal wrench x 1



Speaker stand x 1



Hexagonal socket head bolts x 3



Eclipse TD logo sticker x 1



Washer x 3



Owner's Manual x 1

Warranty Certificate

\* This product is a speaker which has been designed using Time Domain theory.

### 《What is Time Domain theory?》

Time domain recreates the changes that occur in sound waves over time from the moment of output until their disappearance. Its purpose is to reproduce those sound waves that are as close to the original recorded sound as possible. Time domain audio systems allow sound orientation and the nuances that are added by recorded performers to be faithfully reproduced.

# Important Safety Instructions

## Before use

The warnings contained within this instruction manual and on the unit itself are to ensure safe and correct use of the unit and thus prevent injury to our customers or other people and damage to property. Please read and understand the warnings before continuing with the rest of this manual.



### **WARNING**

These warnings represent occasions where improper use of the product may result in death or serious injury.



### **CAUTION**

These cautions represent occasions where improper use of the product may result in serious injury or damage to the product.

### **WARNING**

Do not place the unit in an elevated location. A fall may cause injury.

Do not open the cabinet of the unit. This may cause electric shock or injury. For internal inspection, repair or maintenance, please contact a Customer Service Center. Also, do not attempt to modify the unit. This may cause fire or electric shock.

Do not place the unit in the bathroom or anywhere exposed to rain. Do not use the unit in places with high humidity. This may cause fire or electric shock. Be particularly careful when using the unit in rainy weather or when it is snowing, at the beach or near water. Do not place above or near the unit, any flower vases, plant pots, cups, makeup, medicine or any vessel containing liquid or any small metal objects. In case any liquid or small metal objects enter the unit, fire or electric shock may result. Do not push or drop any metal or combustible objects into the ventilation holes of this unit. Fire or electric shock may result. (Be particularly cautious in households with young children).

### **CAUTION**

Do not use the stand to support any other item. The mounting may become unstable, resulting in a fall, causing injury.

This unit should be assembled on a flat, even surface. Failure to do so may cause the stand to fall over leading to injury.

Avoid placing the stand where it may obstruct free passage. Injury may result otherwise.

The unit should be placed on a hard, flat surface. Placing the unit on an unstable surface may cause it to fall over and cause injury.

Do not climb on or swing from the unit. In particular, care should be exercised when children are present. The unit may fall or break and cause injury.

The unit is heavy so always use two people to unpack and carry the unit. Back pain and injury to feet may result if the unit is dropped.

# Notes on Use

Before turning the unit on or changing the input source, be sure to set the volume to Low. Sudden bursts of loud noise may cause damage to any connected speaker systems.

To avoid disturbance in your neighborhood, enjoy your unit at an appropriate volume. Remember that particularly at night, even low volumes carry well into surrounding areas. Help to maintain a pleasant living environment.

Always connect speaker systems with the power disconnected. If the speaker cable is inadvertently shorted, the protection circuit in the amplifier will operate and audio output will stop temporarily. In this event, disconnect the power cord from the outlet, correct the shorted area and reconnect the power cord to the outlet.

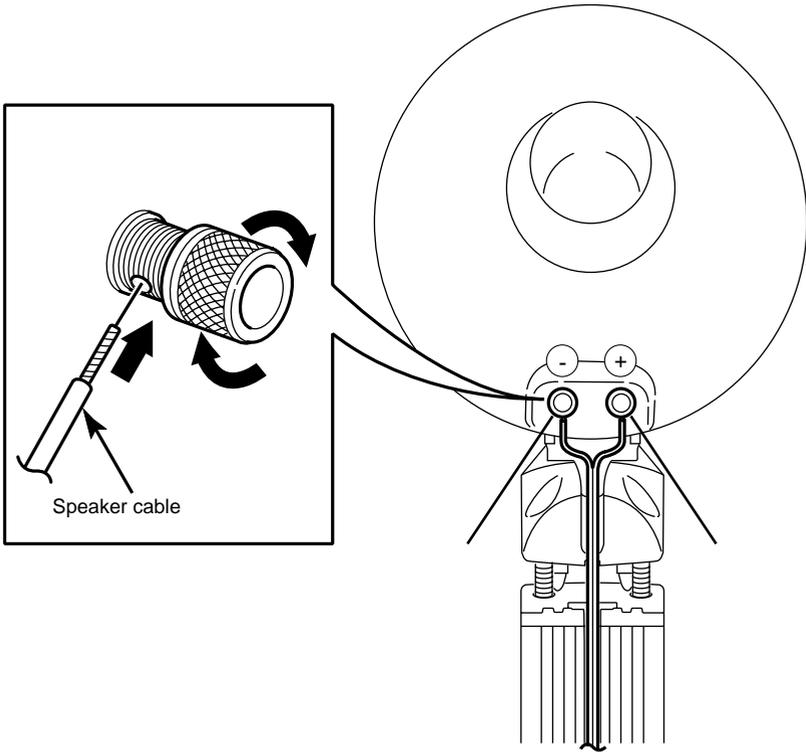
Do not separate the speaker from the stand.

Do not place the speaker unit directly on hard surfaces. It may mark the surface.

Be careful not to knock the unit over.

If the unit becomes dirty, use detergent on a soft cloth to wipe it down. Do not use thinners or gasoline.

# Part Names and Functions/Connections

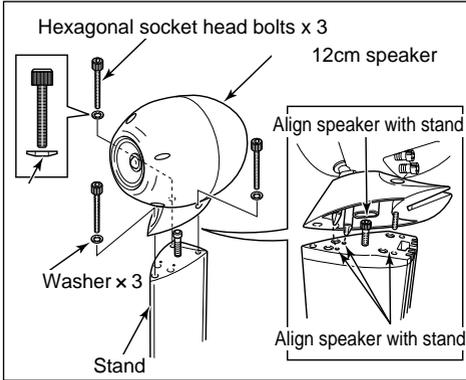


## 、 **Speaker Input Terminals**

When connecting the speakers, insert the ends of the speaker cables so that they do not touch neighbouring terminals or other parts.

# Assembly Instructions

## [ 1 ] Speaker Fitting



For the installation, insert the washer so the convex surface is facing down.

### ⚠ CAUTION

- Before securing the speaker to the stand, follow the instructions in "[3] Setting the angle adjustment screw at 0 degrees" and use the cardboard gauge to measure the height of the angle adjustment screw and ensure the angle is set at 0 degrees.
- When placing the speaker, be careful not to touch the cone paper. Damage to the speaker may result.
- When mounting the speaker on to the stand, be careful not mount it tilted as damage to the surfaces may result.

Place the stand in the desired location.

### ⚠ CAUTION

The assembly of this unit must be done on a flat, hard surface.  
If the stand is placed in such a way that it obstructs free passage, injury may result.

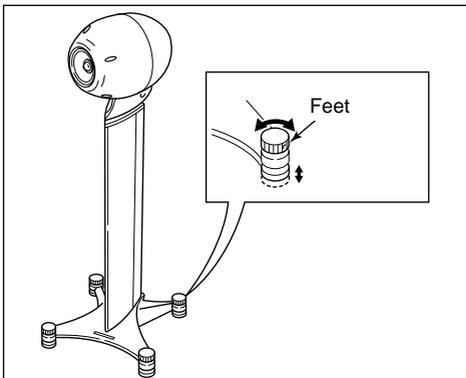
As shown in the diagram, mount the speaker on the stand, constantly checking the alignment.

Using the hexagonal wrench with the hexagonal socket head bolts and washers, fasten the speaker to the stand (3 places).

### 👉 ADVICE

- Fasten the hexagonal socket head bolts by hand first before using the hexagonal wrench to fasten them securely. To secure the speaker, first tighten the two rear bolts, then tighten the front bolt.
- You must use the attached hexagonal socket head bolts (x 3) to fasten the speaker.
- The washers must be used with the convex side facing down.

## [ 2 ] Feet adjustment

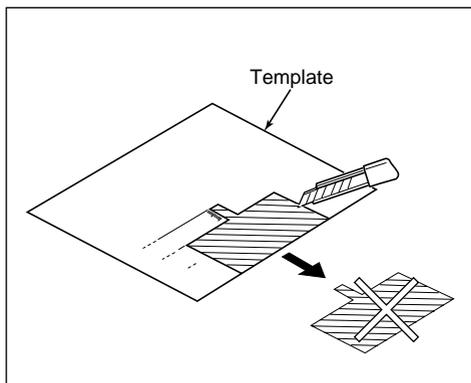


As shown in the diagram, turn the feet to adjust.

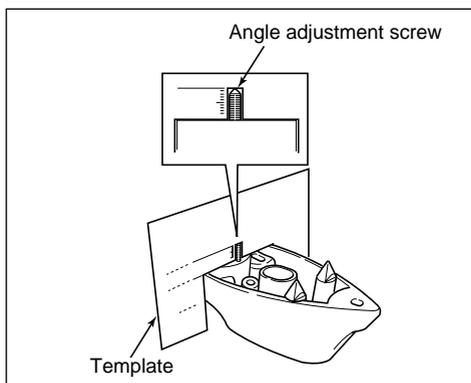
### 👉 ADVICE

- Initially, turn the four feet in an anti-clockwise direction as far as they will go and place the unit on the floor.
- Then, turn each foot individually in a clockwise direction until they touch the bottom foot – then stop.

### [ 3 ] Setting the angle adjustment screw at 0 degrees



Cut out the template on page 61 and discard the portion not required.

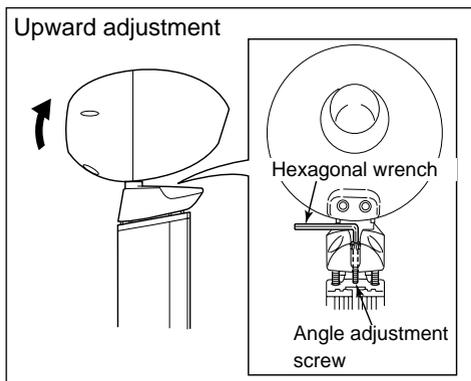


Turn the speaker base upside down and adjust the angle adjustment screw to a height matching the gauge as shown in the diagram. At this point, the angle is set at 0 degrees.

#### **ADVICE**

When adjusting the speaker angle, follow these instructions and start from a 0 degrees position.

### [ 4 ] Adjusting the speaker angle



Using the hexagonal wrench, loosen the hexagonal socket head bolts (3 places).

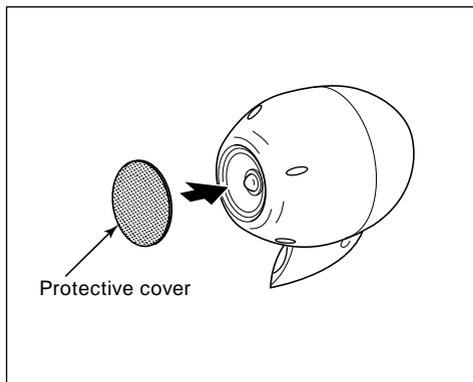
Using the hexagonal wrench, turn the angle adjustment screw.

When finished, use the hexagonal wrench to tighten the hexagonal socket head bolts.

To secure the speaker, first tighten the two rear bolts, then tighten the front bolt.

#### **ADVICE**

When the top surface of the stand and the bottom surface of the speaker are flush, they should be level. It is possible to adjust the speaker upwards by 10 degrees.

**[ 5 ] Installation of protective cover.**

As shown in the diagram, install the protective cover.

**ADVICE**

The protective cover may be attached when the speaker is not in use or at the user's discretion.

# Maintenance / Specifications

## Maintenance

**Before maintaining the unit, ensure that the power is off and the power cord removed.**

Remove any dirt from the unit by lightly wiping with a soft cloth.

**If it is particularly dirty, use a slightly damp cloth to wipe it down, then use a dry cloth.**

Do not use gasoline or thinners, etc. on this unit as it may damage the cabinet.



## Problems during Operation of the Unit

During operation, the unit may stop working properly if it suffers from significant external disruption (impact shock, static electricity, voltage fluctuation caused by lightning, etc.) or is operated incorrectly.

**In this situation, turn the amplifier power to switch to the "Off" position.** Turn it back on again and check if normal operation has resumed.

(If a problem persists, please contact our Service Centre)

## Specifications

Specifications and appearance are subject to change without prior notification.

### TD712z

Diameter:	12cm
Type:	Bass ref/box
Input Resistance:	Rated 35W / Maximum 70W
Impedance:	6Ω
Dimensions:	347mm(W)x384mm(D)x988mm(H)
Weight:	32kg

# Warranty and After-Service

## Warranty Certificate (included)

After reading the contents of the Warranty Certificate, put it away in a safe place.

### Warranty period

The warranty period is one year from purchase date. Some costs may be incurred even within the warranty period, so please read your Warranty Certificate carefully.

## Life-span of Serviceable Parts

The life-span of the serviceable parts in this product is a period of 8 years from the date of manufacture. This is the period stipulated by the Ministry of International Trade and Industry. 'Serviceable parts' are defined as those parts which are necessary to ensure the functionality of the product.

## Repairs and Enquiries

See "Customer Enquiries" Section on the included sheet.

## When Requesting a Repair

### Within warranty period

Present your Warranty Certificate  
Repairs will be carried out in accordance with the conditions on the Warranty Certificate

### Outside the warranty period

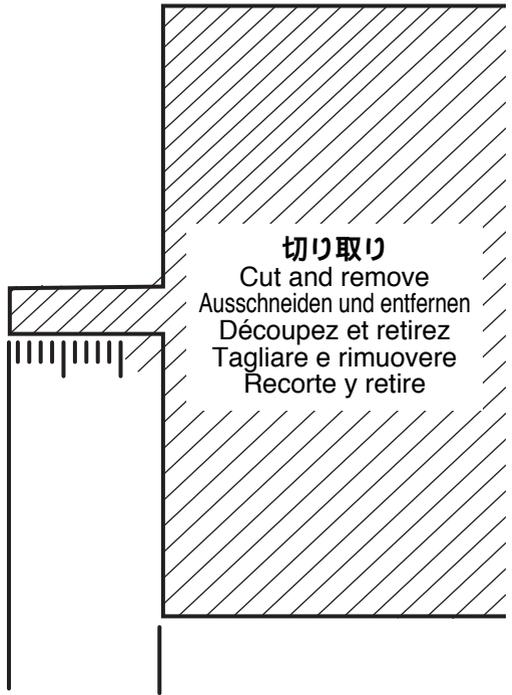
When a repair is possible, it will be carried out upon your instruction and at your expense.

 Regular Checks	After many years of use, check your audio equipment;	
	Are any of these conditions present?	An excessively hot power cord or plug A burning smell Deep cuts or abnormalities of the power cord Any other damage or abnormalities



### Stop using the unit

To prevent damage and accidents, turn off the power switch, remove the power cord and request a service inspection.  
For inspection and repair costs, please check with our Service Centre.



<b>角度調整ねじ先端</b>	<b>ネック部</b>	<b>底面</b>	<b>角度 0°</b>
Tip of the angle adjustment screw	Neck of the screw	Base	Angle 0 degrees
Spitze der Winkeleinstellschraube	Schraubenhals	Unterteil	Winkel 0 Grad
Pointe de la vis de réglage d'angle	Col de la vis	Base	Angle 0 degré
Punta della vite di regolazione dell'angolazione	Collo della vite	Base	Angolo 0 gradi
Punta del tornillo de ajuste del ángulo	Cuello del tornillo	Base	Angulo 0 grados

# MEMO



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**FUJITSU TEN**

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0306MT(F.KI)