



M500US011  
RJK650194-002V002

# DN-SE10

**DIMENSION  
SHIFTER**  
Expression Strap

## Startup Guide

### Read this First

- Thank you for purchasing this CASIO product.
- Please keep all information for future reference.
- Before using this product, check out the User's Guide on the official website below and read the "Safety Precautions" and the "Notes on Using the Product" to ensure that you use the product correctly.
- Information on this product is available on the official website below.

Official Website



<https://www.casio.com/us/dimensionshifter/>

User's Guide, etc.



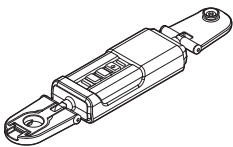
<https://www.casio.com/us/support/dimensionshifter/>

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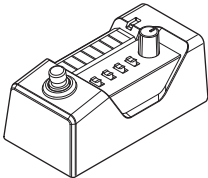
## Checking the Components and Accessories

- DIMENSION SHIFTER components: 1

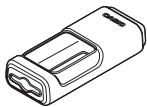
Transmitter



Receiver



- Silicone cover: 1



- This manual (Startup Guide)

### Equipment to be Provided by the User

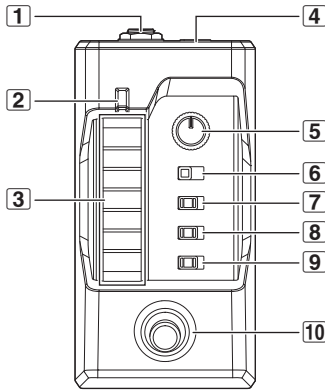
- AC adaptor: AD-0913S (DC 9V 1.3A center negative)
- 1/4-inch TRS cable: 1
- AAA alkaline batteries: 2

### Separately Available Accessories

- AC adaptor: AD-0913S  
Use only the designated AC adaptor

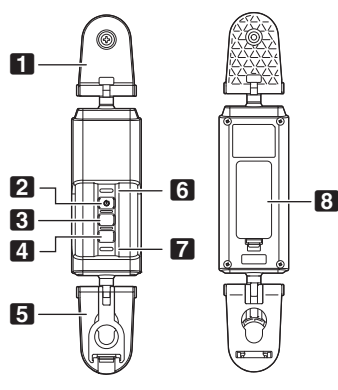
## Component Names

### Receiver



- 1** Output jack  
Used for connecting a 1/4-inch TRS cable to output expression signals or external footswitch signals.
- 2** Power LED  
Shows whether the receiver is powered on, its pairing status and the sustain status.
- 3** Level indicator  
Shows the signal output from the transmitter in realtime.
- 4** Power jack  
Socket for the AC adaptor.
- 5** Minimum setting knob  
Sets the minimum value for output signals when the expression pedal is used.
- 6** TRS type  
Used to choose from 3 connection types according to the respective manufacturers' expression pedal plugs. (\*1)
- 7** Mode switch  
Switches between using the expression pedal and using the footswitch.
- 8** Type switch  
Switches between using latch and using momentary.
- 9** Polarity switch  
Switches the output signal polarity.
- 10** Sustain switch  
Sustains signal output when the switch is pressed and released. Holding down the switch cancels pairing.

### Transmitter



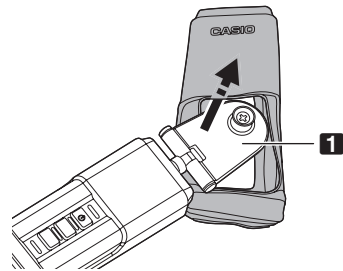
- 1** Strap attachment
- 2** Power button  
Turns the transmitter ON/OFF.
- 3** Reverse/Pairing button  
Press and release to reverse the output signal polarity. Hold down to cancel pairing with the receiver.
- 4** Sustain/Calibration button  
Sustains signal output when the button is pressed and released. Holding down the button initiates calibration for extension and retraction.
- 5** Guitar attachment
- 6** Power LED  
Shows whether the transmitter is powered on, its pairing status, the signal output sustain status, and the battery level.
- 7** Reverse LED  
Switches the output signal polarity and shows its status.
- 8** Battery compartment cover

\*1 Connections to the pots for each number on the 1/4-inch TRS cable switch

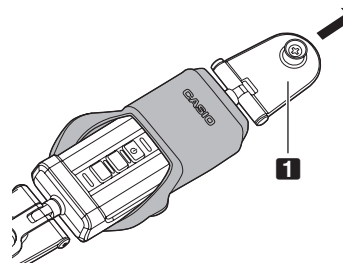
Connection type	Approved models
<b>Type-1</b> JACK PLUG 	BOSS : GT-1000 Kemper : Profiler Stage STRYMON : NIGHTSKY
<b>Type-2</b> JACK PLUG 	ZOOM : G2 FOUR
<b>Type-3</b> JACK PLUG 	LINE6 : Helix floor

## Attaching the Silicone Cover

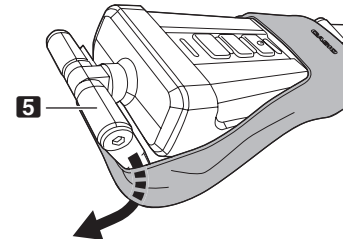
1. Insert the strap attachment **1** into the opening in the silicone cover with the CASIO logo.



2. Pull the strap attachment **1** out through the opening in the silicone cover with the CASIO logo.



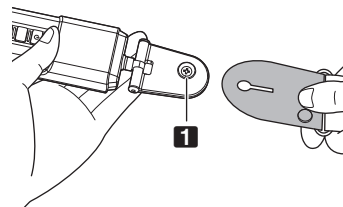
3. Pass the guitar attachment **5** through the opening in the other end of the silicone cover.



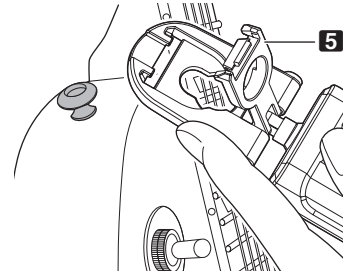
## Getting Ready to Use the DIMENSION SHIFTER

### 1: Attaching the transmitter to the guitar

1. Open the battery compartment cover **8** and insert two AAA batteries, taking care that the battery polarities (+/-) are correct.
2. Connect the transmitter's strap attachment **1** to the guitar strap.

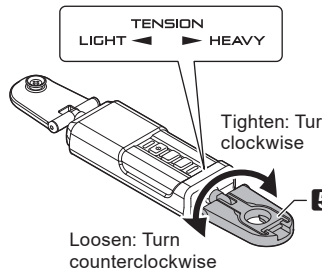


3. Connect the transmitter's guitar attachment **5** to the guitar.



### 2: Adjusting the tension

Adjust the tension by turning the guitar attachment **5** clockwise so that the weight of the connected guitar does not stretch out the transmitter. If the tension is too high and interferes with playing, you can also loosen the tension by turning it counterclockwise.



- When you reach the adjustment limits in either direction, the guitar attachment becomes more difficult to turn. When this happens, do not use excessive force to turn the attachment. Doing so could damage the product.

### 3: Pairing

When you turn the transmitter and receiver on, they automatically pair with each other. To pair with another DIMENSION SHIFTER, refer to the User's Guide on the official website.

### 4: Connecting to the effector EXP/CTL terminal

Preparation: Set up your effector beforehand so that it operates from the expression pedal or footswitch.

1. Connect the receiver's output jack **1** to the EXP/CTL terminal on your effector. Connect them using the 1/4-inch TRS cable.
2. To run the effector as an expression pedal, connect the receiver's mode switch **7** to PDL on the left. To run it as a footswitch, plug it into SW on the right.
3. Use your preferred setup for the minimum setting knob **5**, type switch **8** and polarity switch **9**.

### 5: Checking the connections

If pressing down on the guitar neck extends and retracts the transmitter and the receiver's level indicator **3** lights up according the amount of extension and retraction, the connection is secure.

### 6: Adjusting the expansion and contraction (calibration)

1. Press and hold the sustain/calibration button **4** for 3 seconds. When the reverse LED **7** flashes green, release the button.
2. With the transmitter extended to the position you want to set as the minimum expression signal output, briefly press and release the sustain/calibration button **4**. The reverse LED **7** starts flashing blue.
3. With the transmitter extended to the position you want to set as the maximum expression signal output, briefly press and release the sustain/calibration button **4**. The reverse LED **7** reverts to the lighting status prior to calibration.

### 7: Auto Power Off function

When the receiver pairs with the transmitter, the Auto Power Off function is disabled. Use the procedure below to enable the Auto Power Off function after pairing.

1. Hold down the transmitter's reverse/pairing button **3** and sustain/calibration button **4** at the same time (for 3 seconds).
  - The power LED **6** flashes twice and the function is enabled.
2. Set the receiver's minimum setting knob **5** to the center position, and then hold down the sustain switch **10** as you turn the minimum setting knob **5** from "min" (left) → "MAX" (right) and then → "min" (left) in that order.
  - The power LED **2** flashes twice and the function is enabled.

## Important Notice

If Auto Power Off is set to Off, this product does not automatically turn off and continues to use power.

Specifications

	Transmitter	Receiver
Output terminals	–	Expression output, switch output (6.3 mm stereo jack)
Communications standard	Bluetooth® 5.1	
Communication range	Max. 10 m *Varies depending on the ambient environment	
Latency	Approx. 20 ms. *Varies depending on the ambient environment	
Power supply	Two AAA alkaline batteries	AC adaptor (AD-0913S)
Battery life	Approx. 20 hours *Varies according to usage	–
Operating temperature range	0°C to 40°C	
Dimensions (W/D/H)	Approx. 50 × 25.5 × 120 mm (excluding attachments)	Approx. 60 × 115 × 40 mm (excluding protrusions)
Extension range	Approx. 20 mm (with adjustable tension)	–
Weight	Approx. 150 g (excluding batteries)	Approx. 145 g
Current used	50 mA	150 mA

The battery life shown is an estimated value when new alkaline batteries are fitted and the product is used at an ambient temperature of 25°C or less. Actual battery life may vary depending on factors such as the type of batteries used.  
Specifications and designs are subject to change without notice.

Additional Information

- Do not use this product or its accessories for anything other than the intended purpose.
- Every effort has been made to ensure that the information provided in this manual is correct. If you notice anything questionable or erroneous, do not hesitate to contact CASIO.
- Any reproduction of the contents of this manual, either in part or its entirety, is prohibited. Except for your own, personal use, any other use of the contents of this manual without the consent of CASIO is prohibited under copyright laws.
- CASIO COMPUTER CO., LTD. accepts no liability whatsoever with respect to damages or lost income or any claims by third parties arising from the use of or faults in this product.
- CASIO COMPUTER CO., LTD. accepts no liability whatsoever for any damages or lost income resulting from the loss of data in memory due to a fault, repairs or any other cause.
- The screens and illustrations shown in the Startup Guide and User's Guide may differ from the actual product.

Safety Precautions



WARNING

Indicates something that creates a risk of death or serious personal injury.

This circle with a line through it (⊘) means that the indicated action must not be performed. Indications within or nearby this symbol are specifically prohibited.





WARNING



The adaptor used for the receiver must be a DC 9V center-negative AC adaptor rated to at least 500mA. Do not use any other type of AC adaptor.

Doing so creates the risk of fire and electric shock.

Notes on Using the Product

- Continued use of this product may result in looseness in the guitar's strap button. Because such looseness may cause the button's screw to dislodge, check that there is no looseness before using this product. If the strap button is loose, firmly tighten it with a screwdriver before use. Check also for splitting or tears in the strap before use.
- Be aware of your surroundings when using this product. Take care to avoid excessive movement when playing (jumping, etc.) as this could cause injury, damage to the guitar, or product faults or damage.
- Take care also not to subject your shoulders or arms to excessive strain due to extended use.
- Bear in mind that abrasion or chafing while using the product may lead to guitar damage, dents or peeling of the coating (particularly lacquer coatings).
- When not in use, remove this product from the guitar.
- This product is not built to be waterproof and should only be used indoors.
- When using the transmitter, take care not to trap your hair, skin or fingers in it.
- Do not connect the transmitter to anything other than the effector EXP/CTL terminal as doing so could cause damage.
- To avoid any risk of a fault occurring, set the receiver's TRS switch  and Mode switch  to the correct settings for your effector before connecting it to the transmitter.
- When attaching the transmitter and strap, check that the fasteners are securely locked.

- AC adaptor
  - Connecting
    1. Insert the AC adaptor plug into the receiver.
    2. Plug the AC adaptor into a household power outlet.
  - Disconnecting
    1. Unplug the AC adaptor from the household power outlet.
    2. Pull the AC adaptor plug out of the receiver.



Battery Precautions

● Observe the precautions below. Failure to do so can cause the battery to explode or leak flammable liquid or gas.

- Use only the type of battery that is specified for this product.
- Do not burn a battery or dispose of it in an incinerator, or by mechanical crushing or cutting.
- Do not subject a battery to excessively high or low temperatures during use, storage, or transport.
- Do not subject a battery to excessively low barometric pressure during use, storage, or transport.

■ Intended Region

Your DIMENSION SHIFTER is intended to be used in the US. If this product is used in a country outside the US, there is a risk that the radio wave regulations in that country might be violated. CASIO COMPUTER CO., LTD. accepts no liability for any such violations.

Precautions when Disposing of This Product

Dispose of this product in accordance with the relevant local government regulations.

Trademarks

Where used in this manual, the terms listed below are trademarks or registered trademarks of their respective owners. Note that the ® and TM symbols are not used in this manual.

- DIMENSION SHIFTER is a trademark or registered trademark of CASIO COMPUTER CO., LTD.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by CASIO COMPUTER CO., LTD. is under license.
- Other trademarks and trade names are those of their respective owners.

NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Declaration of Conformity

Model Number: DN-SE10  
Trade Name: CASIO COMPUTER CO., LTD.  
Responsible party: CASIO AMERICA, INC.  
Address: 570 MT. PLEASANT AVENUE, DOVER, NEW JERSEY 07801

Telephone number: 973-361-5400  
CFR 47 §2.938 (b)(2) Attestation

As of the date of first importation or marketing of this device, the device is not produced by any entity identified on the Covered List, established pursuant to 47 CFR § 1.50002 , as producing covered communications equipment.

This device complies with Part 15 of the FCC Rules, Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CASIO COMPUTER CO., LTD.

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