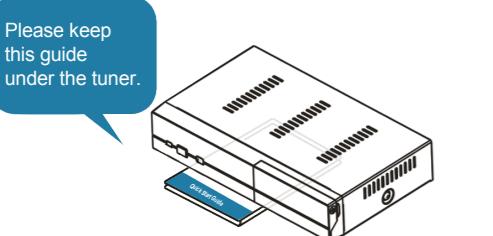




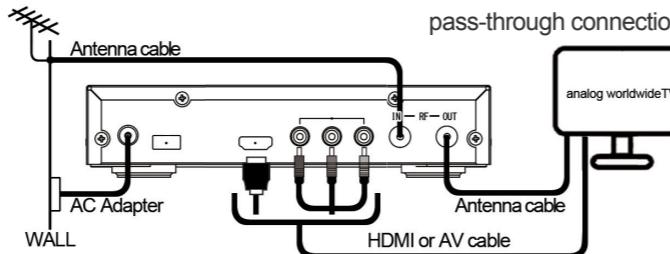
SMART DIGITAL TUNER Worldwide KST-1000-W Quick Start Guide



Quick Start Guide

Connecting to an analog worldwide TV

Recommended connection

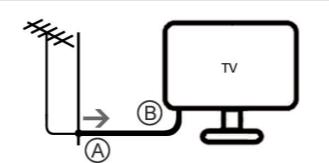


It is recommended that you connect the tuner and your analog TV as shown above. By this connection, you can watch

- **digital TV** in regions (countries) where there is terrestrial digital broadcasting using SMART DIGITAL TUNER.
- **analog TV** in regions (countries) where there is terrestrial analog broadcasting using your analog worldwide TV.

1

Disconnect the end **(A)** of the antenna cable.



Check the shape of the connector **(A)**

Connector type



F type



2-1



IEC type

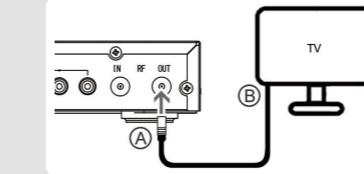


2-2

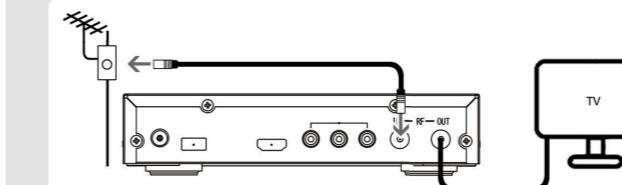
2-1

When the connector **(A)** is F type

Connect the end of the antenna cable **(A)** to the terminal marked "RF-OUT" of the tuner.



Connect as shown below by an antenna cable.



2-2

When the connector **(A)** is IEC type

Disconnect both ends **(A)** and **(B)** of the antenna cable. You do not use this cable. Prepare two antenna cables. This type of cable is option.

IEC type
Male

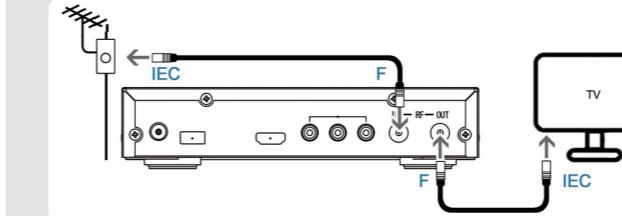


2 pieces

F type
Male



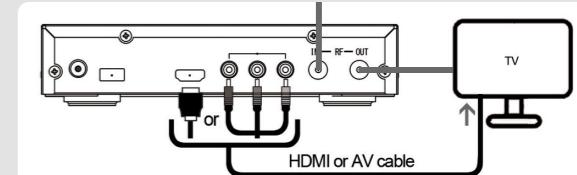
Connect as shown below.



3

Connect as shown below. You can use an HDMI cable or an Audio/Video cable. You can watch the highest quality of the picture with an HDMI cable.

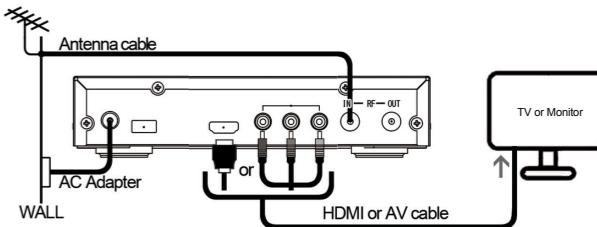
* Do not use both an HDMI cable and an Audio/Video cable together.



4

Connect to an AC adapter.

If you do not have an analog worldwide TV, connect the tuner to a TV or a monitor as shown below. You cannot watch the analog TV by this connection.



5

Turn on the TV and select the appropriate video input on the TV. And then, turn on the tuner.

Continued overleaf

Channel Scan

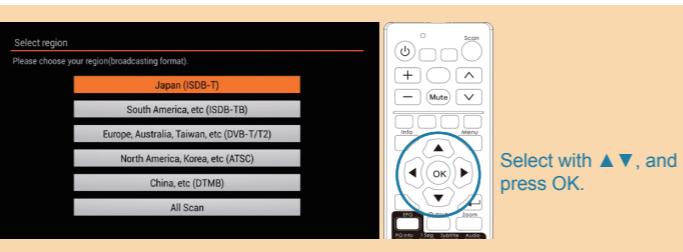
1. Check whether terrestrial digital broadcasting has been started in the region (country) where the tuner will be used.
If you do not know whether it has been started or not, scan terrestrial analog broadcasting channels using your analog worldwide TV. (Set up a pass-through connection)
2. If some channels are detected by your analog worldwide TV, enjoy watching analog TV programs.
3. If digital broadcasting has been started in the region (country) where the tuner will be used or if not even one channel was detected as a result of channel scan by your analog worldwide TV, proceed to next step.

Region selection and channel scan

Region selection and channel scan are performed using the Scan button on the remote control, or from "Region/Channel scan" on the Menu screen. Select "Region/Channel scan" on the Menu screen, and press the OK button.



1. Select the current region (broadcasting standard) from the screen, and press the OK button. Channel scan will start automatically.

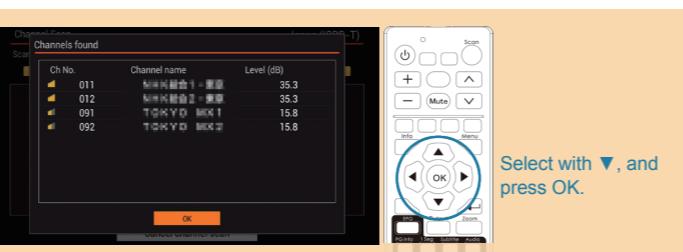


The terrestrial digital broadcasting standards in major regions are as indicated below.

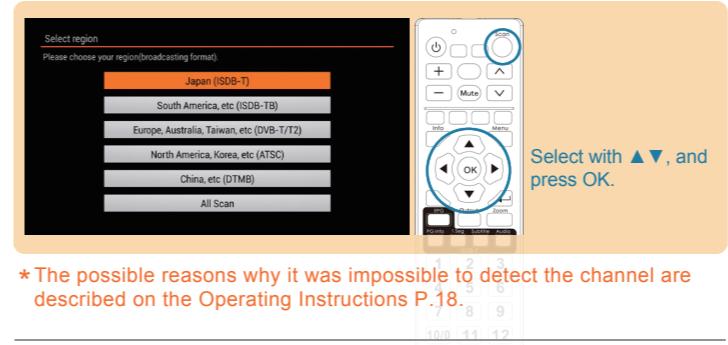
- ISDB-T Japan
- ISDB-TB South America, etc.
- DVB-T/T2 EU, Russia, Australia, Taiwan, Singapore, UAE, etc.
- ATSC North America, Korea, etc.
- DTMB China, Hong Kong, etc.

As of March 2015

2. When channel scan is finished, a list of detected channels is displayed. Select "OK" and press the OK button. The TV image will be displayed.



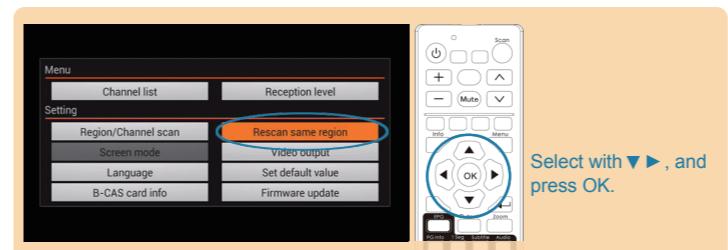
If not even one channel was detected as a result of channel scan or if you do not know which broadcast standard is used at the current location, select "All Scan" once on the region selection screen, and press OK. "All Scan" scans all broadcasting standards in order, so it may take about 30 minutes.



Rescan same region Convenient method of use

When the location has been moved, within the same broadcasting standard, you can also use "Rescan same region" from the immediately preceding TV viewing time.

Examples: When you have moved within the same country, or with the European (DVB-T/T2) region.



Important Precautions for viewing terrestrial broadcasting

1. Check whether terrestrial digital broadcasting has been started in the region (country) where the tuner will be used.

This product has a receiver for terrestrial digital broadcasts, and does not allow TV viewing in regions (countries) where there is no terrestrial digital broadcasting. In addition, it cannot receive terrestrial analog broadcasts. However, if terrestrial digital broadcasting is not provided in the area where the tuner is used, there is a possibility that analog TV is provided. If you have an analog TV, set up a pass-through connection (on the back of this page) between this product and analog TV, and try viewing with the analog TV.

Even in countries where terrestrial digital TV broadcasting has been started, it may be impossible to view digital TV if the current location (anchor point) is distant from the broadcasting station, or if it is impossible to obtain signal strength sufficient for TV viewing at unfavorable locations such as those where noise has an effect on TV signals.

2. Standards for terrestrial digital broadcasting are not uniform throughout the world, and thus before searching for channels which can be viewed (channel scan), it is necessary to specify the broadcast standard for channel scanning.

* If channel scan is performed with a different broadcast standard, channels will not be detected.

Broadcasting standards are established by regions (countries). With this product, it is possible to perform channel scan with either of the following:

- A Scanning by designating a region (country) or broadcasting standard
- B Sequential scanning of all broadcasting standards

With B "All Scan", all broadcasting standards are scanned in sequence, and this takes time.

Therefore, if the broadcasting standard at the current location or geographical point is known, it is recommended to perform channel scan with method A.