

# Smart Digital Tuner Worldwide (KST-1000-W)

## Product overview

Kyokuyo Electric Co., Ltd., a firm handling electrical equipment for marine vessels, has developed the Smart Digital Tuner Worldwide (KST-1000-W), a TV tuner supporting terrestrial digital broadcasts systems all over the world.

Smart Digital Tuner Worldwide enables viewing of terrestrial digital broadcasts, on ships in port or navigating along a coastline, simply by connecting it for ships to an existing TV and antenna.

Setup operation is simple, and no major work is necessary to install the equipment.

## Background

In the field of terrestrial TV broadcasting, a worldwide shift is underway from analog broadcasting to digital broadcasting, but broadcasting standards for terrestrial digital broadcasting are not uniform throughout the world, and the various standards include the Japanese system (ISDB-T), Brazilian system (ISDB-TB), European system (DVB-T), second generation European system (DVB-T2), American system (ATSC), and Chinese system (DTMB). Therefore, in order to view terrestrial TV on ships traveling to various countries throughout the world, it has been necessary to prepare receivers (TVs or tuners) compatible with the different terrestrial digital broadcasting standards at each port of call. In addition, even if TVs or tuners compatible with the standards of each country are prepared, troublesome procedures have been necessary when viewing with a single TV, such as preparing multiple devices and switching the wiring each time.

To enable ship-owners to improve entertainment equipment and reduce the burden on ship crew under these conditions, Kyokuyo Electric has

**developed a terrestrial digital tuner enabling reception of all terrestrial digital broadcasting standards with a single device**



## Main features

### 1: Compatible with terrestrial digital broadcasting standards worldwide

This system enables TV viewing while in coastal regions (or in port) in each country.

- ISDB-T: Japan
- ISDB-TB: South America etc.
- DVB-T: Europe, Australia, Taiwan etc.
- DVB-T2: UK etc.
- ATSC: North America, Korea etc.
- DTMB: China etc.

### 2: Intuitive, simple operation

Operation relating to TV viewing, such as region selection (broadcasting system selection) and channel scan, can be done simply and easily. Menu screens and the operation manual are provided in both Japanese and English.

### 3: Can be connected with analog worldwide TV using through-out output

The main unit is equipped with an antenna through-out output terminal for connecting an analog worldwide TV, to enable viewing of analog TV in countries continuing to broadcast terrestrial analog TV.