

# RF Capture (Corresponding to Terrestrial broadcast and Satellite broadcast) **4417A**

*Real time RF Record/Reproduction Test System*



## General

This device can record RF signals in various points of fields. When reproducing the signal data in factories or laboratories, it is possible to test receivers under the reception environment of the data. (\*)

## Feature

- Compact size and all-in-one model. The recording part and the reproduction part are equipped to one body. (Approx 15 kg)
- The frequency range covers **30MHz to 3000 MHz** of the recording frequency, so that this device can record and reproduce an RF signal of all terrestrial broadcast and all satellite broadcast in the world.
- **8 MHz, 24 MHz, 40 MHz and 54 MHz** bandwidth RF signal can be recorded/reproduced.
- A touch panel (Seven-inch) is equipped, so that this device provides user interface having excellent operability and visibility.
- The solid-state-drive (SSD) for the data recorder is equipped (Data of 180 minutes can be recorded/reproduced at 8 MHz bandwidth captured and data of 30 minute can be recorded/reproduced at 54 MHz bandwidth captured.)
- Data can be backed up at high speed through eSATA port and USB2.0 port.
- The Low Noise Amplifier is equipped to the RF input side, so that low electric field can be adopted.
- Auto Cal function that sets the level of the recorded signal automatically at the RF signal capturing is equipped.
- Remote control, time recording function and repeat reproduction function are equipped.
- GPS module is equipped, so that the position data at the recording can be inserted to the recorded data. Data can be controlled easily.
- The frequency and level at the recording can set automatically at the reproduction .
- This device can reproduce the data captured by Eiden's existing RF captures (4406A, 4411A, 4412A and 4416A), so that old data can be used effectively.
- It corresponds to RF record and reproduction under diversity environment by using two or more sets.
- Inversion function of RF polarity at the reproduction is equipped.
- Data in ATSCA-74 standard can be reproduced.

## Configuration

Dimensions	W: 350 x H: 150 x D: 440 (mm) (Excluding projections)
Weight	Approx. 15 kg
Power Source	AC90V to AC240V (50Hz/60Hz)

## Option

Model No.	Contents of Option
4417U-E10	Internal SSD Expansion (1TB after expansion) (Approx. 60 minutes recording/reproduction at 54 MHz bandwidth)
4416U-H60	External HDD (6TB) ※8MHz & 24MHz band only
4417U-T01	Impedance converter (F type) with power supply function for parabola antenna

\* This device is manufactured for analysis of high frequency signals, quality tests for receivers and so on. Do not use this device for other usage. In addition, do not use this device for the copy of contents.