

RF CAPTURE & PLAYER (4Diversity)

4422A

Preliminary

~Record & Playback 4 RF Signals in 1 unit~

General

This device can record “live (raw)” RF signals in the field without demodulation or alteration. And by playing-back the recorded data in your laboratory, you can get same RF signal as the field at the laboratory. (※1)

This device corresponds to 4 diversity RF signal, so that, it is very suitable for field simulation test of on-vehicle TV receiver.

※This device corresponds to 1 RF Signal (Single) and 2 RF Signal (2 diversity) also.

Features

Compact Size

Recording and playing-back part corresponding to 4 diversity is equipped in 1 unit, which is small size and light weight.

PC is needed for the operation of this device.

Wide Frequency Range

Frequency range: 100kHz~30MHz and 30MHz~1006MHz(※2)

Bandwidth: 1MHz, 8MHz, 24MHz, 30MHz(100kHz~30MHz only)

Solid State Drive (SSD) of 1 Tbyte is equipped.

DC Power Supply (DC+12V) is available.

eSATA port and USB3.0 port are equipped.

Spectrum Display function

A spectrum at the capture can be confirmed by this function.

Low Noise Amplifier is equipped.

When recording low level signal, this function reduces deterioration of the signal minimally.

Auto Cal function

When recording a RF signal, this device set suitable recorded signal level automatically by this function.

GPS module is equipped.

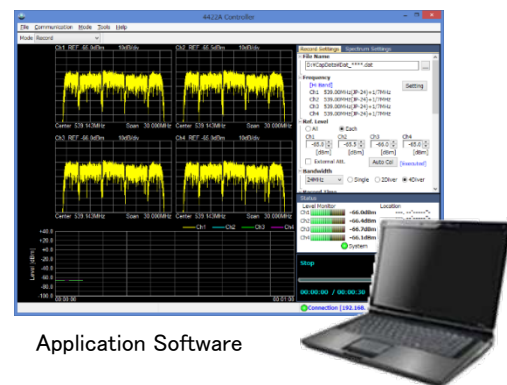
GPS module is equipped, so that, the current position information is also recorded with the capture data.

Schedule Record function

By setting time, this device can start to record on the time automatically. So, no man needs to start the capture, when recording the test broadcast in the midnight is required.

※1 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 the contents.

※2 Depending on bandwidth when recording, frequency range of this device is limited.



Application Software

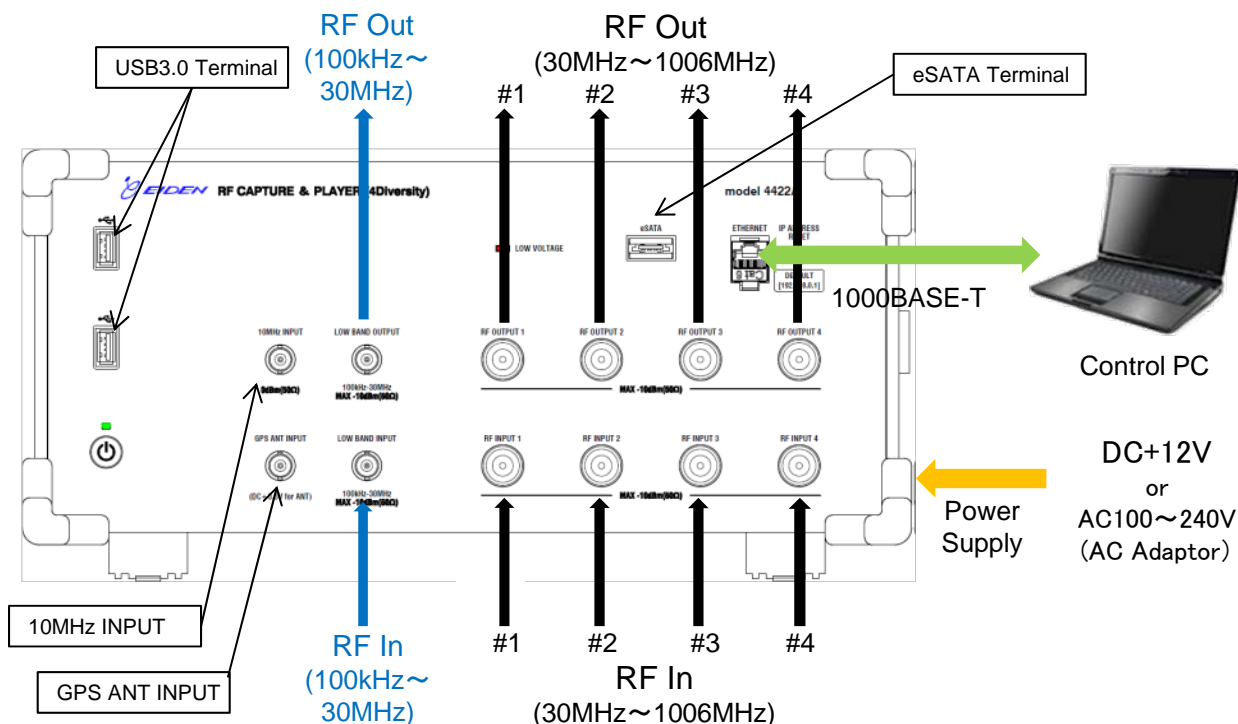
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System Composition



Recording time

(SSD: 1TByte)

Mode	Bandwidth	Maximum Recording time
Single	1MHz	48 hours
	8MHz	6 hours
	24MHz	2 hours
4Diversity	1MHz	12 hours
	8MHz	90 minutes
	24MHz	30 minutes

Composition

Item	Descriptions
Size	W:350 x H:150 x D:440 (mm)
Weight	approx. 16kg
Power Source (AC)	AC100V~AC240V (Power Consumption: max. 230W@240V)
Power Source (DC)	DC+12V (+10V~+14V) (Power Consumption: max. 15A@+12V)