

# aireeg

Wireless Input Unit  
WEE-1200

*Wireless gives freedom*



*Fighting Disease with Electronics*

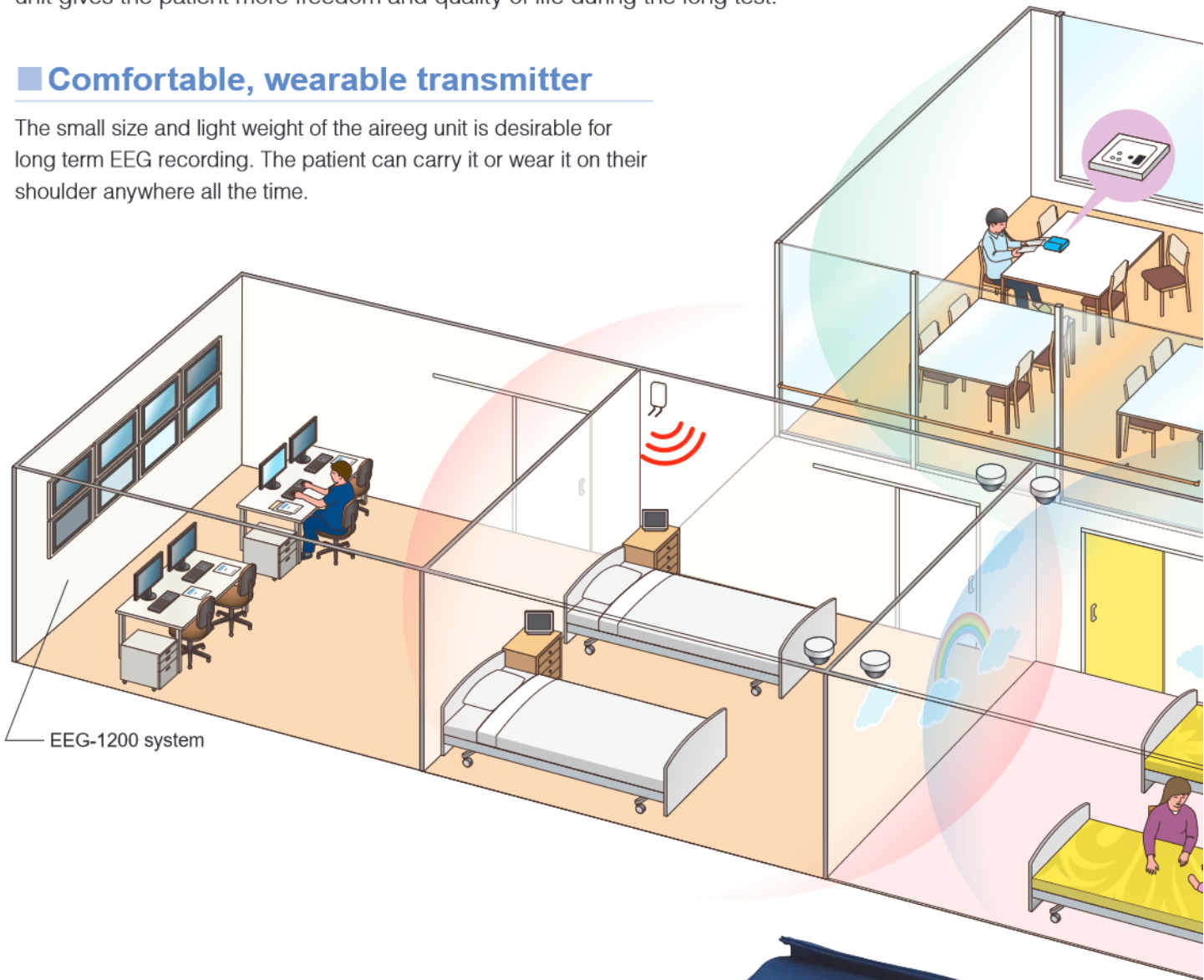
 **NIHON KOHDEN**

# Seamless workflow enhances QOL during

During long-term EEG recording, the patient may need to spend many days connected to an EEG monitor in the hospital or clinic. This is a long and stressful time especially for a pediatric patient. Wireless data transmission with the aireeg WEE-1200 wireless input unit gives the patient more freedom and quality of life during the long test.

## ■ Comfortable, wearable transmitter

The small size and light weight of the aireeg unit is desirable for long term EEG recording. The patient can carry it or wear it on their shoulder anywhere all the time.



## ■ Simple operation

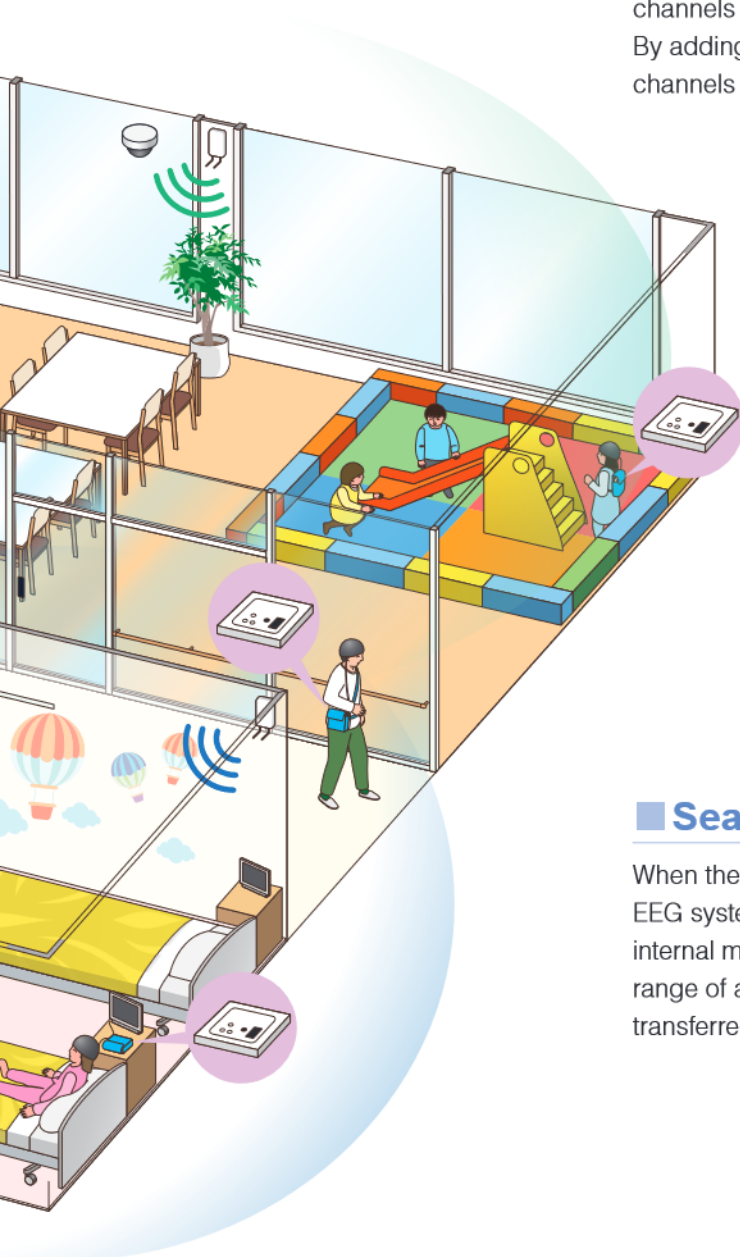
Just plug the main unit cable into the transmitter. Data transmission mode seamlessly switches from wireless to wired without any gap in recording. Battery charging starts automatically when the transmitter is connected to the main unit.



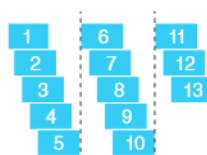
# long examination

## ■ Wide range of wireless channel options

WEE-1200 can use both 2.4 GHz and 5 GHz frequency bands for wireless communication. In the 2.4 GHz frequency band, only 3 channels can be used due to interference on the same network. By adding the 5 GHz frequency band, you can configure wireless channels more flexibly from more channels.



2.4 GHz



5 GHz



2.4 GHz: Only 3 channels can be used in the same network due to interference.

5 GHz: All 19 channels can be used without interference.

\*The number of channels depends on the wireless device regulations in each country.

## ■ Seamless data acquisition

When the WEE-1200 aireeg unit is taken out of wireless range of the EEG system, the measured EEG data continues to be saved in the internal memory. When the WEE-1200 aireeg unit comes back within range of a wireless access point, the saved data is automatically transferred to the EEG system.

## ■ Long battery operation

With an optional extension unit, up to 30 hours of wireless recording is available. Longer battery operation makes your battery management easier.





## Optimal for wireless long-term recording

- Wireless and wired connectivity with an EEG-1200/1250 electroencephalograph system



EEG-1200



EEG-1250

- Selectable mini junction boxes



Mini flat junction box, JE-125AK

- EEG: 64 ch, BP: 4 ch



Mini junction box, JE-922A01

- 10-20 system electrodes inputs
- EEG: 25 ch, BP: 7 ch

- Digital video software, QP-110AK (option)

- Standalone mode

The aireeg telemetry unit saves the EEG in internal memory so you can record EEG anywhere without a network connection to the EEG-1200/1250 system.

### ■ 64 channel pouch composition

Main unit	MU-120A
Telemetry unit (Op. No. 64)	ZB-120A
Mini flat junction box	JE-125AK
Battery pack	SB-121A
Access point (local purchase)	
Switching hub (local purchase)	
EEG-1200/1250 electroencephalograph system	

### ■ 32 channel cart composition

Main unit	MU-120A
Telemetry unit (Op. No. 32)	ZB-120A
Battery pack	SB-121A
Mini junction box	JE-922A
Cart	KC-120A
Event/DC junction cable	JW-120A
DC isolation cable	JW-125A
Trigger input cable	JW-126A
Access point (local purchase)	
Switching hub (local purchase)	
EEG-1200/1250 electroencephalograph system	

### ■ Specifications

Number of channels	32 or 64
Sampling frequency	Max 4,000 Hz
Input impedance	200 MΩ
CMRR	EEG 105 dB or more, Bipolar 100 dB or more
Noise level	1.5 μVp-p or less (0.53 to 60 Hz)
A/D converter	16 bit
Wireless frequency band	2.4 or 5 GHz

This brochure may be revised or replaced by Nihon Kohden at any time without notice.



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