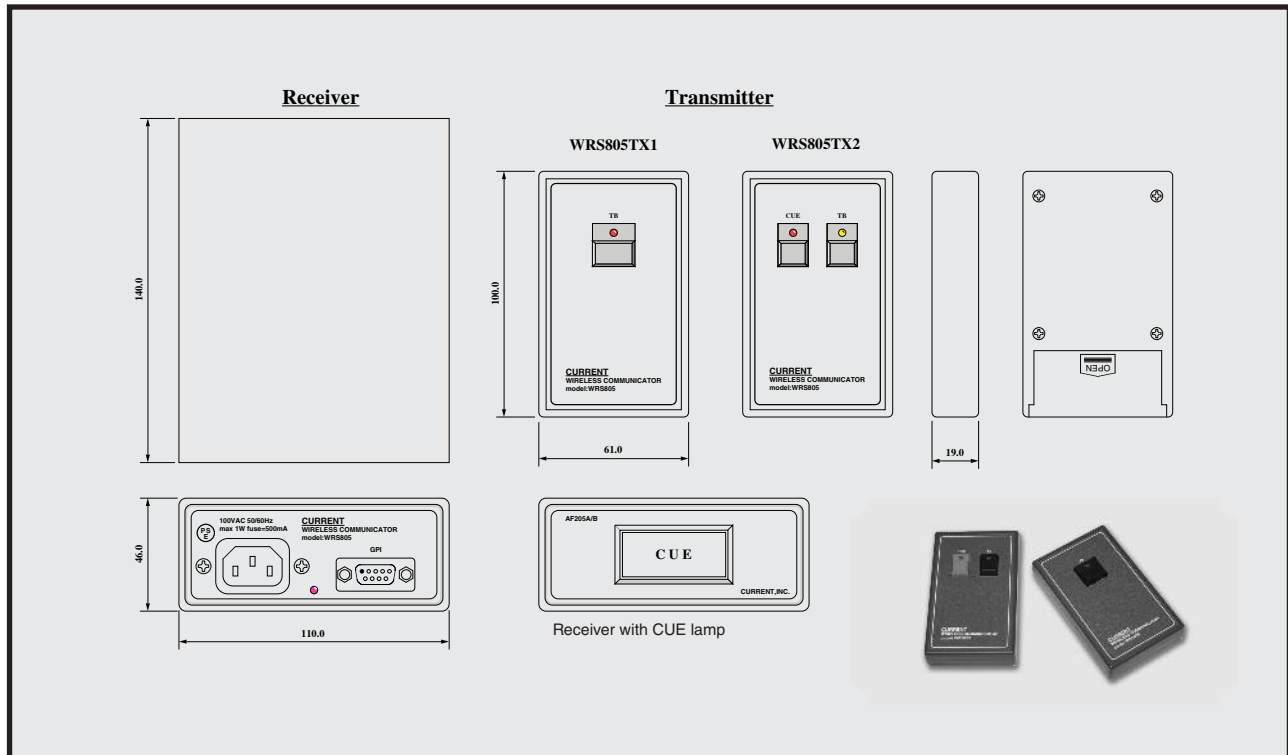


CURRENT PRODUCTS model:WRS805(rev.3)

WIRELESS COMMUNICATOR



- Compact controller
- High-speed response
- Radio system not to be concerned directivity
- Generic relay contact outputs
- 1 button or 2 button transmitter
- Easy installation

WRS805 is a system for performing talkback and CUE switch wirelessly in recording, post production, broadcast studio, etc.

By using the wireless method, operation that is conscious of obstacles like infrared remote control is unnecessary.

"Radio system"

Since WRS805 uses the Xbee radio system in the 2.4 GHz band, the response is fast and there is no need to operate while paying attention to directivity. In addition, since the transmission signal is digitally modulated, it is rare to malfunction, but errors may occur due to the influence of the surrounding environment. Since some mobile phones may be affected, please turn off the power in that case.

"Receiver"

The make contact output by the relay of the receiver makes interface with various equipment easy. The standard is AC100-120V, but the working with a DC power supply supplied from COMMUNICATION connector is possible. Additionally, the combination with the external tarry is possible in the CUE lamp built-in model, too.

"Remote distance"

Although it is about 10 m, there may be differences depending on the installation environment of the receiver. Please install it in a place that you can see to check the reception status by the LED on the front panel of the receiver.

"Transmitter"

The simulcasting cannot possible, but can use multiple transmitters. The command of the switch is not always transmitted, but it is turned on when pressed, and OFF command is transmitted when it is re-

leased.

If you lock it ON, press it again to initialize it. Moreover, it is possible to use it for about one year because it goes to sleep mode when not in operation.

"Others"

If crosstalk seems to be a problem in adjacent studio etc., please contact us so we can change ID of transceiver.

"Connection"

The connection of the Dsub9 male connector of the receiver.

1. Ext power supply + VDC
2. Ext CUE - (WRS805RSC)
3. TB command common
4. CUE command common
5. N.C.
6. Ext CUE + (WRS805RSC)
7. GND
8. TB command (make)
9. CUE command (make)

(the specifications of the connector were changed in **rev.3**)

This doc is applied to a product shipped after 2018.

SPECIFICATIONS

[TRANSMITTER]

🍏 **DIMENSIONS:** 61Wx100Hx19D 100g 🍏 **CONTROL:** 1 or 2 SWITCHES

🍏 **FREQ.:** 2405-2480MHz, 5MHz step 16ch, IEEE 802.15.4, 1mW

🍏 **POWER:** AAA x2 , about 1 year 🍏 **MAX DISTANCE:** APPROX.10m

[RECEIVER]

🍏 **DIMENSIONS:** 110Wx46Hx140D 340g

🍏 **CONNECTOR:** D-TYPE 9WAY MALE (#4-40)

🍏 **POWER:** 100-120VAC 50/60Hz, DC +5~12VDC max 200mA

🍏 **OUTPUTS:** RELAY CONTACT MAX 100mA

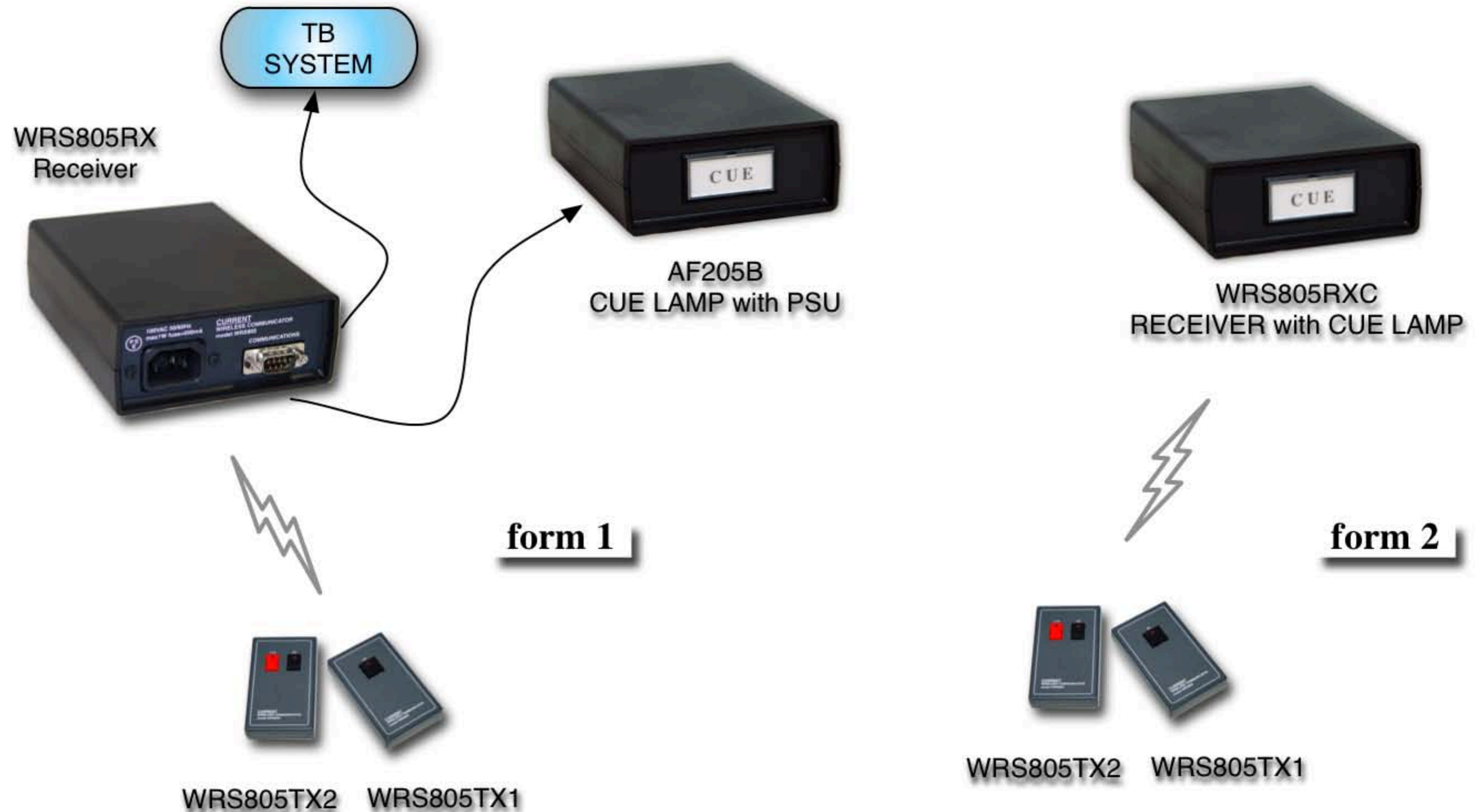
Transmitter (1 button)	WRS805TX1	¥24,000
Transmitter (2 button)	WRX805TX2	¥32,000
Receiver	WRS805RX	¥72,000
Receiver with CUE	WRX805RXC	¥96,000

accessory : AC cable, AAA battery x2

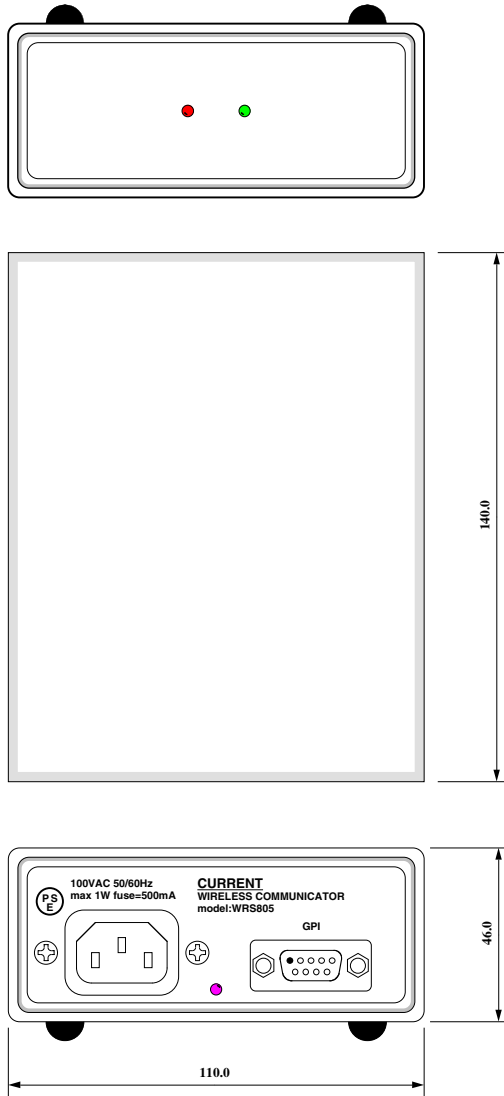
The specifications are subject to change without notice.
2-26-11 AKATSUTSUMI, SETAGAYA-KU, TOKYO, 156-0044 JAPAN

MONITOR SYSTEM
HEADPHONES AMP
CUE SYSTEM
COMMUNICATION
TB, COUGH SYSTEM
MATRIX AMP
AUDIO ROUTER
AUDIO VIDEO
SWITCHER
SYSTEM SWITCHER
EMERGENCY
AUDIO VIDEO
DISTRIBUTOR
METER SYSTEM
ANALOG, DIGITAL
PREAMP MIXER
LEVEL UNIT
DIGITAL AUDIO
FADER UNIT
AUTO FADER
TALLY FADER
CLOCK TIMER
EVENT SYSTEM
SPECIAL PRODUCTS
ETC.

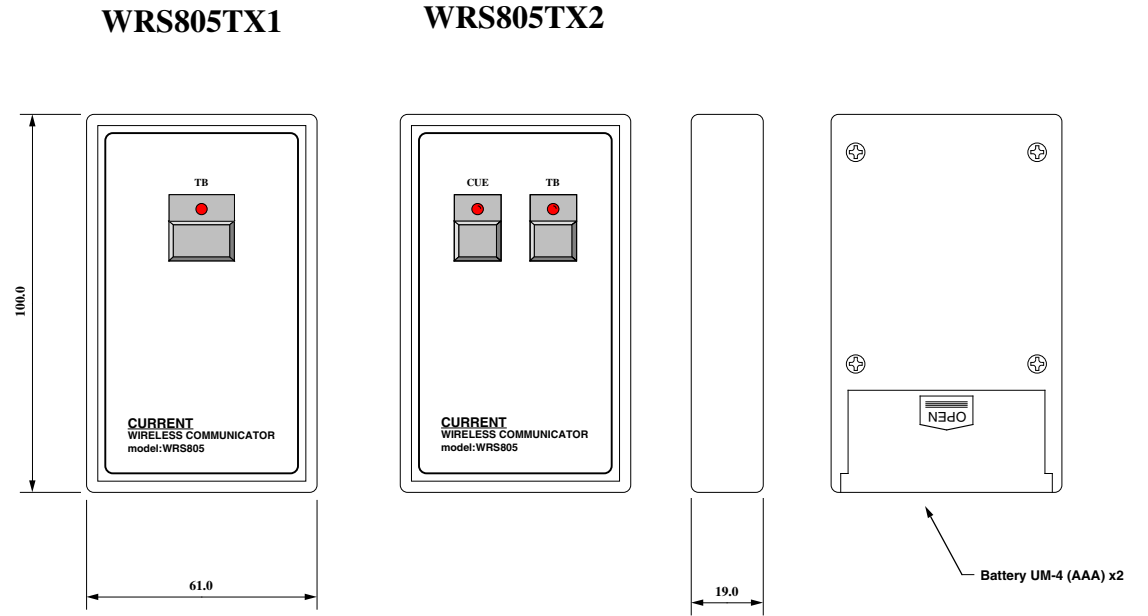
WRS805 System Diagram



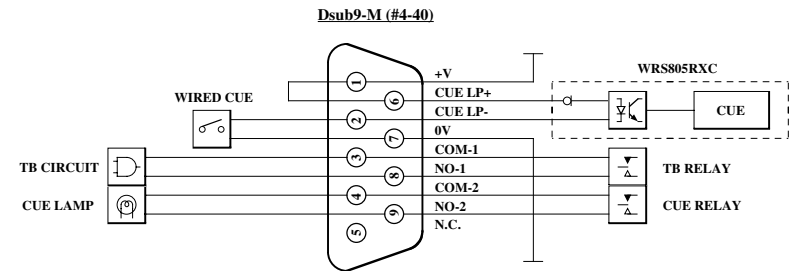
Receiver



Transmitter



- GPI Dsub9-M (#4-40)
- 1 +V supply
 - 2 CUELP-
 - 3 COM-1 (TB)
 - 4 COM-2 (CUE)
 - 5 N.C.
 - 6 CUELP+
 - 7 0V
 - 8 NO-1 (TB)
 - 9 NO-1 (CUE)



rev.3/4

(c)CURRENT,INC.	WIRELESS COMMUNICATOR WRS805	Jan.2018
H.ICHIHASHI	PANEL DIAGRAM	Apr.2017
		WRS805-rev3

WRS805RX CONNECTOR PIN LIST

rev.3

"Communication" D9-M(#4-40) Connector

Ribbon	Hard	Signal name	Designation	Active
1	1	+V	+8V supply (unregulated) max 10mA	
2	6	CUELP+	EXT CUE tally input + (+5V to +24VDC)	
3	2	CUELP-	EXT CUE tally input -	
4	7	0V	0V	
5	3	COM-1	Relay contact common 1 (TB)	
6	8	NO-1	Relay contact normal open 1 (TB)	
7	4	COM-2	Relay contact common 2 (CUE)	
8	9	COM-2	Relay contact common 2 (CUE)	
9	5			

注意！ Dサブコネクタの接続はHARDピン番号で接続してください。取付は#4-40インチビスです。

CAUTION! D-Connector for wiring refer to Hard pin number Description. Mounting screw for D-connector use #4-40 size.

CUEランプを内蔵したWRS805RXCでは外部タリまたは接点によってCUEランプを点灯することが出来ます。定電流のフォトカプラ入力のCUELP+/-端子にタリを接続するか、接点によって+Vを供給することで動作します。

