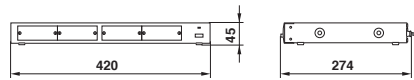


300MHz band Receiver Diversity receiving system drastically reduce sound loss and noise.

WTD-304 (Diversity/4ch)

Possible to install 4 wireless tuners (DU-3200A) and select your desired channel in 13 channels. WTD-304 has Mixing output (output level selectable) and each Unit outputs and Line input.



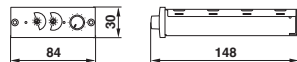
Power supply	AC 100V 50/60Hz
Power consumption	15W
Antenna input	75Ω(BNC) 2 inputs, 2 system (Phantom power supply:12V, 20mA x4)
Mixing output	0dBV, -20dBV, -60dBV 600Ω, Unbalanced (Selectable/ Balanced transformer LT-16A installable)
Unit output	-20dBV 600Ω, Unbalanced
Line inputs	-20dBV 600Ω, Unbalanced
Frequency response	50Hz~15kHz ±3dB
Finish	Panel (Aluminum): Black Case (Vinyl-laminated steel): Black
Mass	Approx. 3.1kg

Option

- Wireless tuner unit
[DU-3200A](#)
- Balance transformer
[LT-16A](#)
- Wireless Antenna
[AA-300](#)
- [AA-382](#)
- BNC connector
[AW-01](#)
- [AW-02](#)

DU-3200A (Diversity)

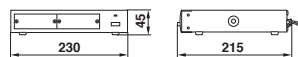
Tone squelch circuit and noise-reduction system can ensure noiseless and high clearness sound, and shutting out the exogenous noise from other wireless system, sound quality does not deteriorate when wireless microphones move. Possible to use Microphone order system (Priority reception in specified range)



Power supply	DC 12V (Supplied from installed equipment)
Current consumption	Approx. 100mA
Receiving frequency	322.025MHz~322.150MHz, 322.250MHz~322.400MHz (13 channels at 25kHz intervals)
Receiving scheme	PLL control superheterodyne
Rated output	-20dBV
Frequency response	50Hz~7kHz (at 1kHz basis, 50μs emphasis)
Finish	Panel (ABS resin): Black Case (Steel plate)
Mass	Approx. 200g

WTS-322 (Single/2ch)

Possible to install 2 wireless tuners (SU-3000A) and select your desired channel in 13 channels. Output level can be selected by switch.



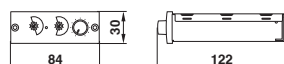
Power supply	AC 100V 50/60Hz
Power consumption	6W
Antenna input	75Ω (BNC) (Phantom power supply:12V, 20mA)
Output	0dBV, -20dBV, -60dBV 600Ω, Unbalanced (Selectable/ Balanced transformer LT-16A installable)
Line inputs	0dBV 600Ω, Unbalanced
Frequency response	50Hz~15kHz ±3dB
Finish	Panel (Aluminum): Black Case (Vinyl-laminated steel): Black
Mass	Approx. 1.4kg

Option

- Wireless tuner unit
[SU-3000A](#)
- Balance transformer
[LT-16A](#)
- Wireless Antenna
[AA-300](#)
- [AA-382](#)
- BNC connector
[AW-01](#)
- [AW-02](#)

SU-3000A (Single)

Tone squelch circuit and noise-reduction system can ensure noiseless and high clearness sound, and shutting out the exogenous noise from other wireless equipment. Possible to use Microphone order system (Priority reception in specified range)



Power supply	DC 12V (Supplied from installed equipment)
Current consumption	Approx. 65mA
Receiving frequency	322.025MHz~322.150MHz, 322.250MHz~322.400MHz (13 channels at 25kHz intervals)
Receiving scheme	PLL control superheterodyne
Rated output	-20dBV
Frequency response	50Hz~7kHz (at 1kHz basis, 50μs emphasis)
Finish	Panel (ABS resin): Black Case (Steel plate)
Mass	Approx. 165g

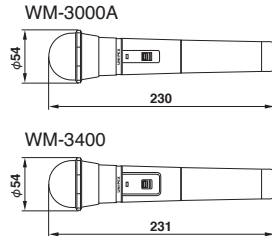
300MHz band Microphones Recommendable with good balanced clear sound for speech.

WM-3000A / <WM-3400>



WM-3000A

Electric condenser microphone with 13 channels can provide clear and high-stable sound by crystal oscillation system. Built-in antenna type and lightweight and irrefragible structure with UV coating. WM-3400 is splash-proof wireless microphone.



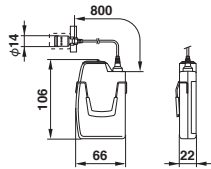
Transmit frequency	322.025MHz~322.150MHz, 322.250MHz~322.400MHz (13 channels at 25kHz intervals)
Transmitting output	1mW
Antenna	Built-in antenna
Microphone	Unidirectional electret condenser microphone
Frequency response	100Hz~7kHz (at 1kHz basis, 50 μ s emphasis)
Battery	Dry cell battery R6PU (AA size) x1
Current consumption	45mA (at normal temperature, 1.5V)
Battery life	Approx. 16hours (at continuous use, normal temperature)
Finish	(ABS resin): Stone silver
Mass	Approx. 180g (including battery)

<WM-3400>
JIS C 0920
IEC 60529 (IP65)

WM-3100



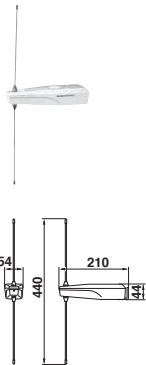
WM-3100 is clip-on type microphone which can be clipped to the collar or necktie, and the main body is attached to the pocket or belt. That permits both hands to be free without holding the microphone.



Transmit frequency	322.025MHz~322.150MHz, 322.250MHz~322.400MHz (13 channels at 25kHz intervals)
Transmitting output	1mW
Antenna	Built-in antenna
Microphone	Unidirectional electret condenser microphone
Frequency response	100Hz~7kHz (at 1kHz basis, 50 μ s emphasis)
Battery	Dry cell battery R6PU (AA size) x1
Current consumption	45mA (at normal temperature, 1.5V)
Battery life	Approx. 16hours (at continuous use, normal temperature)
Finish	(ABS resin): Stone silver
Mass	Approx. 120g (including battery)

300MHz band Antennas

AA-300



Low-noise booster amplifier is built-in AA-300 to compensate for loss in the coaxial cable. The amplifier uses phantom power supply system so no extra wiring is required.

Power supply	DC 12V
Current consumption	Approx. 20mA
Antenna	Half-wave dipole antenna
Receiving frequency	322.00MHz~322.400MHz
Impedance	75 Ω
Booster amplifier gain	Approx. 10dB
Connector	BNC connector or Screwed
Finish	Case (ABS resin): Off white Element (Stainless steel)
Mass	Approx. 200g
Option	BNC connector AW-01 AW-02

AA-382



Compact antenna can receive 800 and 300 MHz band frequency.

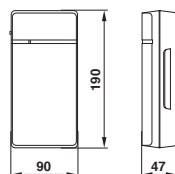
Antenna	Whip antenna
Receiving frequency	322.000MHz~322.400MHz, 806.000MHz~810.000MHz
Impedance	75 Ω
Connector	BNC connector
Mass	Approx. 17g

300MHz band Simple Receiver

WR-3000 (Single/1ch)



WR-3000 is 300MHz band wireless receiver with antenna. It can be operated with dry-cell battery or DC supply. Possible to install in the wall or ceiling, and vehicles.



Power supply	DC 4.5V (Dry cell battery, R6PUx3), DC 6~32V
Current consumption	Approx. 40mA
Receiving frequency	322.025MHz~322.150MHz, 322.250MHz~322.400MHz (13 channels at 25kHz intervals)
Receiving scheme	PLL control superheterodyne
Rated output	-20dBV/-60dBV 600 Ω , Balanced (Selectable/with balanced plug)
Frequency response	50Hz~7kHz (at 1kHz basis, 50 μ s emphasis)
Finish	(ABS resin): Dark gray
Mass	Approx. 280g (excluding batteries)

800MHz band Receivers Diversity receiving system drastically reduce sound loss and noise

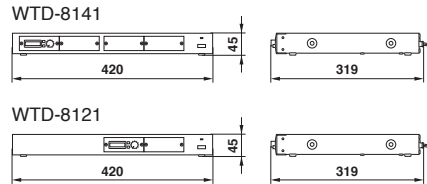
WTD-8141 (Diversity/4ch)



Possible to install up to 4 or up to 2 wireless tuners (DU-8030) and select your desired channel in 30 channels. WTD series have mixing output (output level selectable) and each Unit outputs and Line input. WTD-8141 and WTD-8121 are built-in one DU-8030 tuner unit.

Power supply	AC 100V 50/60Hz	Option Wireless tuner unit DU-8030 (800MHz, Diversity) Balance transformer LT-16A Wireless Antenna AA-810 AA-382 BNC connector AW-01
Power consumption	17W, 13W <WTD-8121>	
Antenna input	75Ω (BNC) 2 inputs, 2 system (Phantom power supply: 12V, 40mA x4)	
Antenna sensitivity select	HI / LO (A1, A2, B1, B2)	
Receiving frequency	806.125MHz~809.750MHz (30 channels at 125kHz intervals)	
Receiving scheme	PLL control superheterodyne	
Mixing output	0dBV/-20dBV/-60dBV 600Ω, Unbalanced (Selectable/ Balanced transformer LT-16A installable)	
Unit output	-20dBV 600Ω, Unbalanced (Balanced transformer LT-16A installable)	
Line input	-20dBV 600Ω, Unbalanced	
Frequency response	50Hz~15kHz (at 1kHz basis, 50μs emphasis)	
Finish	Panel (Aluminum): Black Case (Vinyl-laminated steel): Black	
Mass	Approx. 3.8kg, Approx. 3.6kg <WTD-8121>	

WTD-8121 (Diversity/2ch)



DU-8030 (Diversity)



Tone squelch circuit and noise-reduction system can ensure noiseless and high clearness sound, and shutting out the exogenous noise from other wireless equipment. Using Diversity reception system, sound quality does not deteriorate when wireless microphones move. Possible to use Microphone order system (Priority reception in specified range)

Power supply	DC 12V (Supplied from installed equipment)
Current consumption	Approx. 110mA
Receiving frequency	806.125MHz~809.750MHz (30 channels at 125kHz intervals)
Receiving scheme	PLL control superheterodyne
Rated output	-30dBV
Frequency response	50Hz~15kHz (at 1kHz basis, 50μs emphasis)
Finish	Panel (ABS resin): Black Case (Plated sheet steel)
Mass	Approx. 290g

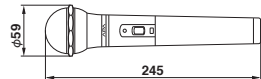


800MHz band Microphones

WM-8240



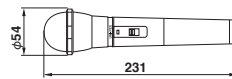
Transmit frequency	806.125MHz~809.750MHz (30 channels at 125kHz intervals)
Transmitting output	2mW
Antenna	Built-in antenna
Microphone	Unidirectional dynamic microphone
Frequency response	100Hz~10kHz (at 1kHz basis, 50μs emphasis)
Battery	Dry cell battery R6P (AA size) x 1
Current consumption	60mA
Battery life	Approx. 10hours (continuous use at normal temperature)
Finish	(PC/PBT resin): Gun Metallic
Mass	Approx. 250g (including battery)



WM-8400 (Splash-proof type)



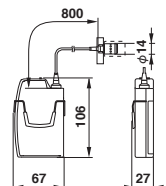
Transmit frequency	806.125MHz~809.750MHz (30 channels at 125kHz intervals)
Transmitting output	2mW/6mW (selectable)
Antenna	Built-in antenna
Microphone	Unidirectional electret condenser microphone
Frequency response	100Hz~10kHz (at 1kHz basis, 50μs emphasis)
Battery	Dry cell battery R6PU (AA size) x 1
Current consumption	45mA (2mW)/65mA (6mW)
Battery life	Approx. 18hours (2mW, continuous use at normal temperature) Approx. 14hours (6mW, continuous use at normal temperature)
Finish	(ABS resin): Stone silver
Mass	Approx 180g (including battery)



JIS C 0920
IEC 60529 (IP65)

WM-8100A

WM-8100A is clip-on type microphone which can be clipped to the collar or necktie, and the main body is attached to the pocket or belt. That permits both hands to be free without holding the microphone. Possible to select transmitting output for any purpose.

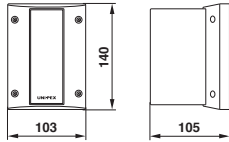


Transmit frequency	806.125MHz~809.750MHz (30 channels at 125kHz intervals)
Transmitting output	2mW/6mW (selectable)
Antenna	Built-in antenna
Microphone	Unidirectional electret condenser microphone
Frequency response	100Hz~10kHz (at 1kHz basis, 50μs emphasis)
Battery	Dry cell battery R6PU (AA size) x 1
Current consumption	45mA(2mW)/65mA(6mW) (at normal temperature, 1.5V)
Battery life	Approx. 18hours (2mW, continuous use at normal temperature) Approx. 14hours (6mW, continuous use at normal temperature)
Finish	(ABS resin): Stone silver
Mass	Approx. 120g (including battery)

800MHz band Antennas Good looking design can match any places.

AA-810

A low noise booster amplifier is built in the antenna to compensate for loss in the coaxial cable.

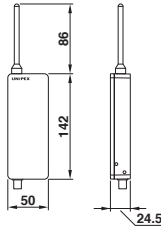


Power supply	DC 12V
Current consumption	Approx. 20mA
Antenna	Half-wave dipole antenna
Receiving frequency	806.000MHz~810.000MHz
Impedance	75Ω
Booster amplifier gain	Approx. 10dB
Connector	BNC connector or Screwed
Finish	Case (ABS resin): Light gray
Mass	Approx. 280g

Option
BNC connector
AW-01

AA-811

Possible to install AA-811 in the wall with fitting.

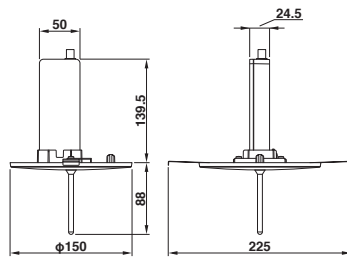


Power supply	DC 9.3/10.7/12V (coaxial cable superposition)
Current consumption	35mA
Antenna	Half-wave dipole antenna
Receiving frequency	806.000MHz~810.000MHz
Impedance	50Ω~75Ω
Booster amplifier gain	H: 19dB, M: 13dB, L: 7dB
Connector	BNC connector
Finish	(ASA resin): White
Mass	Antenna: Approx. 102g With wall bracket: Approx. 137g

JIS C 0920
IEC 60529 (IPX4)

AA-812

Possible to install AA-812 in the ceiling with fitting.



Power supply	DC 9.3/10.7/12V (coaxial cable superposition)
Current consumption	35mA
Receiving frequency	806.000MHz~810.000MHz
Impedance	50Ω~75Ω
Booster amplifier gain	H: 19dB, M: 13dB, L: 7dB
Connector	BNC connector
Finish	Antenna (ASA resin): White Fitting panel (ASA resin): White
Mass	Antenna: Approx. 98g With fitting panel: Approx. 196g

JIS C 0920
IEC 60529 (IPX4)

BNC connector

AW-01



Applicable cord 3C-2V, 5C-2V, 5C-FB

800MHz band Antenna Distributor

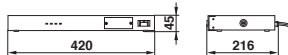
DWD-8240



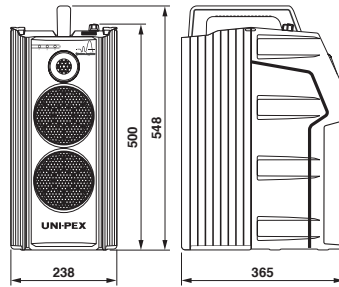
DWD-8240 can install up to 4 wireless antennas and 4 wireless receivers. The built-in low noise booster compensates for distribution loss, so receiving sensitivity is not reduced.

Option
BNC connector
AW-01

Power supply	AC 100V 50/60Hz
Power consumption	12W
Passing frequency band	806.000MHz~810.000MHz
Noise figure	10dB
Antenna input	50Ω~75Ω (BNC) 2 input 2 system (α1, α2, β1, β2) Phantom power output: DC9~12V, 70mA (x4)
Antenna output	50Ω~75Ω (BNC) 4 distribution 2 system (α1~4, β1~4)
Finish	Panel (Steel plate): Black Cover (Vinyl-laminated steel): Black
Mass	Approx. 3.0kg



Wireless Portable Amplifiers Splash-proof type For events, recreation etc.



Introducing our new Wireless Portable Amplifiers, UNI-PEX has combined double woofers and a soft dome tweeter to complete the 2-way 3 speakers system drove by the digital amplifier also newly designed . It achieves super high power performance as rated output 40W and maximum output 60W.

It provides enough comfortable use even outdoor performance under bad weather condition such as sudden rain including strong wind, as IPX4 is adopted with our new Wireless Portable Amplifiers.

With its echo function, it is possible to apply an echo to wired microphone and wireless microphone for more effective use.

<WA-371SU>, <WA-372SU>, <WA-872SU>

The new CD player has various functions not only music CD but also CD-R/RW, and SD/SDHC card and play of USB (Play only).

(Compatible file format : MP3/WMA)

With the new SD/USB recorder it is possible to select one sound from registered sound sources by 1 push button as "Memory" play function. And record and play of USB is also available.

300MHz band (Single)

WA-371 / <WA-371SU> (*with SU-350 x 1)

Wireless tuner unit SU-350(300MHz, Single)
Received frequency 322.025MHz~322.150MHz,
 322.250MHz~322.400MHz
 (13 channel at 25kHz intervals)
Receiving scheme PLL control superheterodyne method

Option

Wireless tuner unit Nickel-cadmium battery
 SU-350(300MHz, Single) WBT-2001
 CD/SD/USB player unit DC External power supply cord
 CDU-104 LD-WA7
 SD/USB recorder unit Storage bag
 SDU-201 WA-1K
 Mixer unit
 MU-600

300MHz band (Diversity)

WA-372 / <WA-372SU> (*with DU-350 x 1)

Wireless tuner unit DU-350(300MHz, Diversity)
Received frequency 322.025MHz~322.150MHz,
 322.250MHz~322.400MHz
 (13 channel at 25kHz intervals)
Receiving scheme PLL control superheterodyne method

Option

Wireless tuner unit Nickel-cadmium battery
 DU-350(300MHz, Diversity) WBT-2001
 CD/SD/USB player unit DC External power supply cord
 CDU-104 LD-WA7
 SD/USB recorder unit Storage bag
 SDU-201 WA-1K
 Mixer unit
 MU-600

800MHz band (Diversity)

WA-872 / <WA-872SU> (*with DU-850A x 1)

Wireless tuner unit DU-850A(800MHz, Diversity)
Received frequency 806.125MHz~809.750MHz
 (30 channel at 125kHz intervals)
Receiving scheme PLL control superheterodyne method

Option

Wireless tuner unit Nickel-cadmium battery
 DU-850A(800MHz, Diversity) WBT-2001
 CD/SD/USB player unit DC External power supply cord
 CDU-104 LD-WA7
 SD/USB recorder unit Storage bag
 SDU-201 WA-1K
 Mixer unit
 MU-600

<<Common specification>>

Power supply AC100V 50/60Hz
 DC 12V R14P / LR14 (C-size battery) x 10pcs
 DC 12V Nickel-cadmium battery (WBT-2001, 2000mAh)
 DC 10V~16V DC12V battery (LD-WA7)
Rated output AC 40W, DC 22W
Frequency response 50Hz~15kHz
Inputs MIC: -56dBV \pm 3dB 600 Ω , Unbalanced with volume control (Phone jack)
 AUX1: -56dBV 600 Ω / -42dBV 600 Ω / -22dBV 10k Ω / -2dBV 10k Ω (selectable)
 \pm 3dB, Unbalanced with volume control (Phone jack)
 AUX2: -12dBV \pm 3dB 10k Ω , Unbalanced with volume control (Pin jack x2)
Line output 0dBV \pm 3dB 1k Ω , Unbalanced (Phone jack)
Externally-connected speaker 4 Ω ~16 Ω , allowance input: 25W or more
Speaker Woofer (13cm) x2, Tweeter (2.5cm) x1
Finish Case(ABS resin): Black, munsell N2 approx.
 Protect cover(PC resin): smoke gray
Mass Approx. 9.1kg,
 Approx. 10.7kg <WA-371SU>, <WA-372SU>, <WA-872SU>

(CD/SD/USB player) <WA-371SU>, <WA-372SU>, <WA-872SU>
Media CD, CD-R, CD-RW (Applicable: 12cm only)
 SD, SDHC (~32GB without SDXC)
 USB (~32GB)
File system FAT16, FAT32
Audio companding system MP3, WMA
Speed control \pm 15%
Functions Repeat-play(Single, All, Folder, A-B),
 All random-play, Folder random-play, Program-play
(SD/USB recorder) <WA-371SU>, <WA-372SU>, <WA-872SU>
Media SD, SDHC (~32GB without SDXC)
 USB (~32GB)
File system FAT16, FAT32
Audio companding system MP3, WMA
Speed control \pm 15%
Functions Repeat-play(Single, All, Random, A-B),
 Relay-play, Program-play, Interval-play,
 Program-interval-play, Memory-play

JIS C 0920
 IEC 60529 (IPX4)

Option for WA series

DU-350 (300MHz Diversity tuner unit)



SU-350 (300MHz Single tuner unit)



DU-850A (800MHz Diversity tuner unit)



WBT-2001 (Nickel-cadmium battery)

LD-WA7 (DC External power supply cord)

CDU-104 (CD/SD/USB player unit)



SDU-201 (SD/USB recorder unit)



MU-600 (Mixer unit)



WA-1K (Storage bag)