



ATTUNE II

**Panasonic®**  
Wireless Systems



# Silence:

the sweet sound of your success

Our clients asked us to put an end to frustrating drive-thru conversations that force customers and employees to repeat themselves again and again. Our answer? Attune II™ — a redesigned headset with the most sophisticated noise-reduction technology we have ever developed for Food Services. With Attune II, conversations are smoother, orders flow faster and customers are far happier.



**Built to take  
whatever your  
employees  
dish out**



From its tough headband, to its heavy-duty buttons, Attune II is built to outlast every competitor on the market.



## ATTUNE II

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### Attune Center Module

WX-CC411 & WX-CC412

- Operating frequency
- Operating temperature range
- Operating humidity range
- Power source
- Power Connector
- Power consumption
- Dimensions

1921.536 MHz to 1928.448 MHz  
-10 °C to +50 °C {14 °F to 122 °F}  
20 % to 90 % (no condensation)  
AC 100 V to 120 V 50 Hz/60 Hz  
Universal Type with an 3 pins AC Inlet  
17 W  
375 mm (W) × 275 mm (H) × 50 mm (D)  
14-49/64 inches (W) × 10-53/64 inches (H) × 1-31/32 inches (D))  
Approx. 1.9 kg (4.2 lbs.) (Excluding the wall mounting bracket)

- Weight

### Attune All-In-One Headset (AIO)

WX-CH450

- Frequency Characteristic
- Operating Temperature Range
- Power Supply
- Dimensions

1921.536 MHz to 1928.448 MHz  
-10 °C to +50 °C {14 °F to 122 °F}  
DC 3.7 V (Rechargeable Li-ion Battery)  
190 mm (W) × 278 mm (H) × 40 mm (D)  
(7-1/2 inches (W) × 10-15/16 inches (H) × 1-9/16 inches (D))  
Mass Approx 130 g (0.29 lbs) (without Battery)

- Weight

#### MICROPHONE:

- Type
- Maximum Input Level

Uni-directional Electret Condenser Microphone  
110 dB SPL

#### HEADPHONE:

- Nominal Output Level
- Maximum Output Level
- Frequency Response

96 dB SPL  
Less than 115 dB SPL  
300 Hz to 3 kHz

### Belt Pack Order Taker

WX-CT420

- Frequency Characteristic
- Operating Temperature Range
- Power Supply
- Dimensions

1895.616 MHz to 1902.528 MHz  
-10 °C to +50 °C {14 °F to 122 °F}  
DC 3.7 V (Rechargeable Li-ion Battery)  
121 mm (W) × 61 mm (H) × 24 mm (D)  
(4-3/4 inches (W) × 2-13/32 inches (H) × 15/16 inches (D))  
Mass Approx 110 g (0.24 lbs) (without Battery)

- Weight

#### INPUT:

- Connector Type
- Nominal Input Level

2.5 stereo jack  
-45 dBV

#### OUTPUT:

- Connector Type
- Nominal Output Level
- Frequency Response
- Output Volume Control

3.5 monaural jack  
-16 dBV (35 ohms)  
300 Hz to 3 kHz  
+6 dB to -18 dB, 3 dB step

### Wired Headset for Beltpack

WX-CH427

- Cord length
- Weight
- Input/output plugs

1.1 m {3.6 ft.}  
95 g {0.21 lbs.}  
Combined ø2.5/ø3.5 tip-ring type plug - 2.5 plug: Microphone - 3.5 plug: Speaker

#### SPEAKER:

- Type
- Impedance
- Standard input
- Maximum input
- Output sound pressure level
- Frequency response

Dynamic  
35 at 1 kHz  
10 mW  
40 mW  
120 dB SPL at 1 kHz, 10 mW input  
150 Hz - 6 000 Hz

#### MICROPHONE:

- Type
- Output impedance
- Sensitivity

Omnidirectional electret condenser microphone  
2.2 k at 1 kHz  
-44 dB at 1 kHz (0 dB = 1 V/Pa at 1 kHz)

### Speaker / Microphone

WX-CS460

- Input/Output
- Cables
- Connector
- Dimensions

Stranded cables, connector is attached to the end  
Approximately 2700 mm {106-5/16 inches} two core shielded wire  
Euro type 3P connector  
114 mm (W) × 114 mm (H) × 70 mm (D)  
(4-1/2 inches (W) × 4-1/2 inches (H) × 2-3/4 inches (D))  
Approx 1.0 kg (2.2 lbs.) (without bracket)

- Weight

#### SPEAKER:

- Sound pressure level
- Impedance
- Frequency response
- Power capacity

90 dB (1 W, 1 m {3.28 feet}, Typical)  
8Ω  
250 Hz to 15000 Hz (-10dB, Typical)  
5 W (RMS\*1)

#### MICROPHONE:

- Sensitivity
- Frequency response

-52 dB (0 dB=1 V/Pa, 1 kHz, Typical)  
100 Hz - 6000 Hz (-10 dB, Typical)



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