

# Clear-Com Wireless

## WBS WTR1C, WTR4C Battery Charger



WTR1C



WTR4C

The **WTR1C** and **WTR4C** battery chargers provide built-in maintenance capability to maximize the battery cycle life for the WBS-670 and WBS-680 wireless intercom systems. The WTR1C is a single battery charger, the WTR4C can charge up to 4 batteries simultaneously. Status indicators, such as "Charging", "Ready", "Rejected" (dead battery), "Power LED" and "Conditioning Cycle", make the chargers simple and easy to use. The WTR1C helps to optimize the battery and maintains the battery's peak capacity while it is charging. There is no restriction to how long the battery can remain in the charger. Rapid Charge capabilities fully charge batteries in less than 2 hours.

### Features:

- Easy-to-read LED status indicator lights
- Battery is fully charged in less than 2 hours
- Maintains battery at peak capacity
- Optimizes battery life
- Battery can remain in charger indefinitely

## Technical Specifications, WTR1C/WTR4C

### User Environment

ESD:	8KV continuous contact discharge; 15KV from air to all surfaces without contact
Humidity:	95% relative humidity (non-condensing)
Drop:	Unit functions normally after 4ft (1.2m) drop to concrete
Power Supply:	90V - 230VAC, 50/60Hz
WTR1C Output:	15VDC, 1.5A or 24VDC, 1.3A
WTR4C Output:	15VDC, 5A or 24VDC, 4.5A

### Safety Standards

Charger and power supply UL listed (UL1950), CSA Certified (C 22.2 No. 223): Compliant to FCC part 15 Class A and CE Marking (Electromagnetic Compatibility) Directive 89/336/EEC and Low Voltage Directive 73/23/EEC; C15PR-22 Class B

### Performance Characteristics

Rapid Charging:	Charges batteries to 90+% capacity in 2 hours or less
Complete Charge:	Completes 100% capacity charge in 4 hours or less
Conditioning:	Completely discharges battery and automatically switches to charging mode
Maintenance Charge:	Maintains battery at optimum capacity indefinitely

### User Interface

Power LED:	Indicates POWER to charging slot
Conditioning/Charging LED:	Flashing indicates discharging process; Solid indicates battery pack is charging
Reject LED:	Flashing indicates faulty battery
Ready LED:	Solid indicates battery charged

### Environmental

Storage:	-40 - 122°F (-40 - 50°C)
Operating:	32 - 122°F (0 - 50°C)

### Dimensions

WTR1C:	3" W x 3.5" H x 6" D (76.2mm x 88.9mm x 152.4mm)
WTR4C:	13" W x 1.7" H x 7" D (330mm x 45mm x 178mm)

### Weight

WTR1C:	1.38 lbs (0.62 kg)
WTR4C:	4 lbs (1.5 kg)

### Notice About Specifications

While Clear-Com makes every attempt to maintain the accuracy of the information contained in its product manuals, that information is subject to change without notice. Performance specifications included in this manual are design-center specifications and are included for customer guidance and to facilitate system installation. Actual operating performance may vary.

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