

# CHG 1012 / PRO

Digi-Wave™ 12-Bay Charger

## Manual and User Guide

Multi-bay, drop-in style charger.  
For use with Williams AV Digi-Wave™ DLT 300, DLT 100 2.0, DLT 100, DLR 360, DLR 60 2.0 and DLR 60.

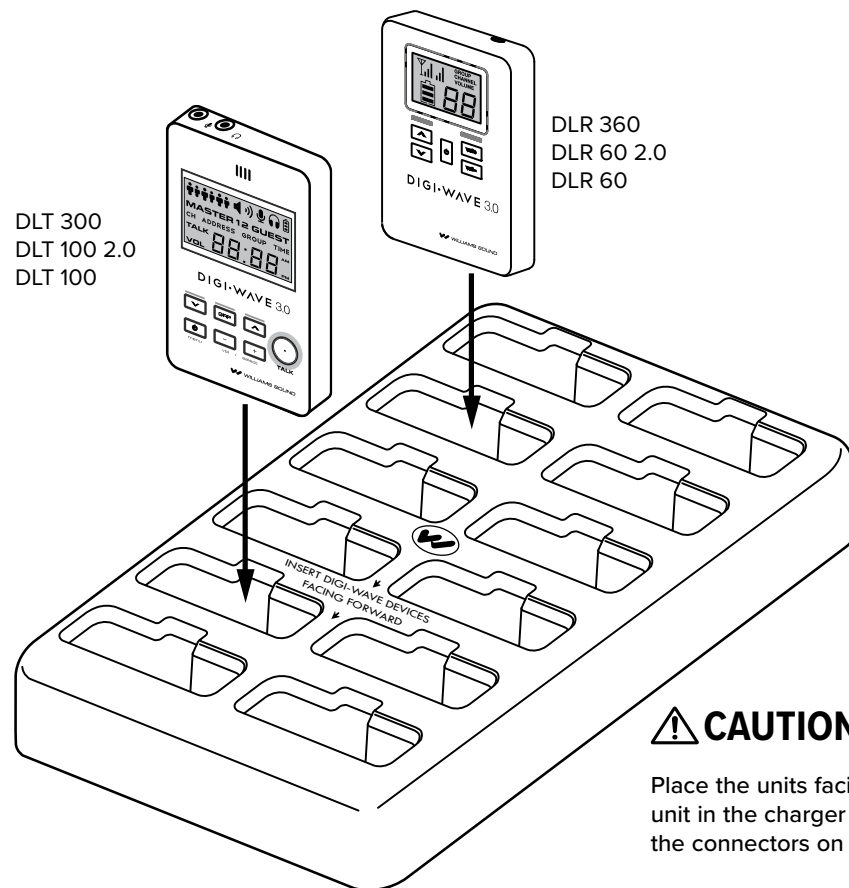


**CHG 1012**



**CHG 1012 PRO**

Figure 1: CHG 1012 Digi-Wave™ 12-Bay Charger



## Instructions:

1. Plug the power supply into the AC wall outlet. Plug the power connector into the rear of the CHG 1012 unit.
2. Insert the DLT / DLR units facing forward into the charging slot as illustrated in Figure 1. **The unit(s) must be placed in the charger facing forward to mate with the connectors. Units placed in the charger incorrectly may be damaged.**
3. A red LED indicator on the DLT / DLR will illuminate when charging has started. When the batteries are fully charged, a green LED is illuminated, indicating the charger is in maintain mode.

**You may charge up to 12 DLTs or DLRs per CHG 1012 charger. It will take approximately five hours to fully charge the batteries of a DLT, and 12 hours to charge the batteries of a DLR\*\*.**

**NOTE:** Before charging a receiver (DLR), make sure the battery switch (located inside the battery compartment) is in the NiMH position and NiMH batteries are installed.

## Troubleshooting

### If no LEDs light up:

1. Check that the power supply is plugged into the AC outlet.
2. Be sure the DLT / DLR unit is facing forward in the charger (see Figure 1).
3. If charging a DLR, make sure the battery switch is set to the "NiMH" position and that NiMH batteries are installed (not Alkaline).

**NOTE:** New batteries have various charge conditions, therefore, some batteries may take less time to fully charge.

Charging batteries generates heat. The DLT/DLR, charger, and power supply will feel warm when charging. Do not charge batteries in a closed enclosure, such as a carry case or brief case. To ensure full battery charging, turn off the DLT /DLR when recharging the batteries.

## Specifications

### CHG 1012 Digi-Wave™ 12-Bay Charger

Dimensions:	CHG 1012 (charger only): 9"L x 7"W x 1.6"H (23 cm L x 17.8 cm W x 4 cm H) CHG 1012 PRO (exterior case dimensions): 15.7"L x 19.7"W x 7.2"H (40 cm L x 50 cm W x 18 cm H)
Weight:	CHG1012: 3.3 lbs (1.5 kg), including power supply CHG1012 PRO: 9.9 lbs (4.5 kg), including power supply
Enclosure:	Black, ABS plastic with metal base
Power Supply Input:	TFP 047, 90-240 VAC input, 1.5 A max *
Power Supply:	Universal DC adapter, 5 VDC - 6A output, center positive
Charging Time:	Approx. 5 hours for DLT or 12 hours for DLR**
Unit Capacity:	12 Units
Compatible Units:	Transceivers: DLT 300, DLT 100 2.0, DLT 100 Receivers: DLR 360, DLR 60 2.0, DLR 60
Indicators:	Charge status indicators on DLT or DLR
Warranty:	2 year (cables and power supply warranty for 90 days)
Approvals:	CE, FCC, WEEE, RoHS, CB
Warranty:	2 year (case, cables and power supply warranty for 90 days)

\* Eight separate CHG 1012s, each powered by its own TFP 047 power supply, can be connected to a 15-amp circuit.

\*\* Charging specifications are based on Williams AV internal rechargeable Li-Po battery BAT 100.

## Recycling Instructions



### Help Williams AV protect the environment!

Please do not dispose of equipment or used batteries in the household trash. Take the equipment to an electronics recycling center or return to the factory. Take batteries to a retail or community recycling location.

## Safety Warnings



**WARNING!** To reduce the risk of fire or electric shock, do not expose the system to rain or moisture. Do not use this apparatus near water. The system should not be exposed to dripping or splashing, and objects filled with liquids such as beverages should not be placed on the charger. Clean only with a dry cloth.

### Servicing or attempting to service this device will void the warranty

Refer servicing to qualified personnel. Servicing is required when the system has been damaged in any way: if liquid has been spilled or objects have fallen into the unit, if the unit has been exposed to moisture, if the unit does not operate normally, or if the unit has been dropped.

Do not block any ventilation openings. Install in accordance with manufacturer's instructions.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produces heat.

Use only attachments/accessories specified by the manufacturer.

Unplug the unit during lightning storms or when unused for long periods of time.

Be advised that different operating voltages require the use of different types of line cord and attachment plugs. Check the voltage in your area and use the correct type.

Use only the power supply provided by Williams AV. Other power supplies may have similar specifications, but may not be equivalent in emissions ratings, in-rush current, etc. Use of an unapproved power supply may leave the device partially or completely inoperable, and will void the warranty.

This apparatus has been designed with class-1 construction and must be connected to a main socket outlet with a protective ground connection (the third grounding prong).

Protect the power cord from being walked on or pinched, particularly at plugs, receptacles, and near the power jack on the charger.

This apparatus must be grounded.

The MAINS plug or an appliance coupler is used as the disconnect device, so the disconnect device should remain readily operable.

## CAUTION!

To prolong battery life, do not leave unit(s) in charger/dock for extended periods of time (i.e. 1 month or more).

### For Customers in the United States

**WARNING: Use a three-wire, grounding-type line cord as is supplied with the product. Do not defeat the safety purpose of the grounding-type plug. A grounding-type plug has two blades and a third grounding prong. The third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.**

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC rules.

### For customers in Canada

This Class B digital device meets all requirements of the Canadian Interference-causing Equipment Regulations.

*Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.*

## Limited Warranty

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Williams AV products are engineered, designed and manufactured under carefully controlled conditions to provide you with many years of reliable service. Williams AV warrants the CHG 1012 Digi-Wave™ 12-Bay Charger against defects in materials and workmanship for TWO (2) years. During the first two years from the purchase date, we will promptly repair or replace the CHG 1012 Charger.

*Microphones, earphones, headphones, batteries, cables, carry cases, and all other accessory products carry a 90-day warranty.*

Williams AV HAS NO CONTROL OVER THE CONDITIONS UNDER WHICH THIS PRODUCT IS USED. Williams AV, THEREFORE, DISCLAIMS ALL WARRANTIES NOT SET FORTH ABOVE, BOTH EXPRESS AND IMPLIED, WITH RESPECT TO THE CHG 1012 DIGI-WAVE™ 12-BAY CHARGER, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Williams AV SHALL NOT BE LIABLE TO ANY PERSON OR ENTITY FOR ANY MEDICAL EXPENSES OR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY ANY USE, DEFECT, FAILURE OR MALFUNCTION OF THE PRODUCT, WHETHER A CLAIM FOR SUCH DAMAGES IS BASED UPON WARRANTY, CONTRACT, TORT OR OTHERWISE. THE SOLE REMEDY FOR ANY DEFECT, FAILURE OR MALFUNCTION OF THE PRODUCT IS REPLACEMENT OF THE PRODUCT. NO PERSON HAS ANY AUTHORITY TO BIND Williams AV TO ANY REPRESENTATION OR WARRANTY WITH RESPECT TO THE CHG 1012 DIGI-WAVE™ 12-BAY CHARGER. UNAUTHORIZED REPAIRS OR MODIFICATIONS WILL VOID THE WARRANTY.

The exclusions and limitations set out above are not intended to, and should not be construed so as to contravene mandatory provisions of applicable law. If any part or term of this Disclaimer of Warranty is held to be illegal, unenforceable or in conflict with applicable law by a court of competent jurisdiction, the validity of the remaining portions of this Disclaimer of Warranty shall not be affected, and all rights and obligations shall be construed and enforced as if this Limited Warranty did not contain the particular part or term held to be invalid.

If you experience difficulty with your system, call Toll-Free for Customer Assistance:

**1-800-843-3544 (U.S.A.) or 1-952-943-2252 (International)**

If it is necessary to return the system for service, your Customer Service Representative will give you a Return Authorization Number (RA) and shipping instructions.

Pack the system carefully and send it to:

**Williams AV**

**Attn: Repair Dept.**

**10300 Valley View Road**

**Eden Prairie, MN 55344**

**WILLIAMS AV**  
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