

User Manual

Advance Wireless Charger for the
KYOCERA® DURAFORCE PRO™



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*mobile phone not included

Wireless Charger consists of:

- | | | |
|-------------------|-------|-------------------|
| 1. Part # AT8232A | | Power cable |
| 2. Part # AT6348A | | Cradle - Wireless |



Page	Details
3	Important PHONE Settings
4	Warnings
5	Speaker Installation
6	Microphone Installation
7	Mounting PTT
8 - 10	Power Cable Installation
11	Connecting Cables to Junction Box
12	Inserting and removing handset from cradle
13	Car Ignition connection
13	Making Dispatch Call
13-14	Making/Receiving Hands-free call
14	Call Waiting
14-15	Charging Battery
15	Operating Specifications

Optional Extras

15-16	Handset with Cradle
16	Palm Mic
16	In-Vehicle Foot Pedal
16	Boom MIC



■ WIRELESS CHARGING CRADLE INSTALLATION

Before beginning the installation process, determine the best locations for the mounting of the **Wireless Charging Cradle**.

Consider the following guideline when planning the installation:

- **DO** use all mounting hardware provided.
- **DO** ensure that cables are not placed under stress.
- **DO** follow proper + and connections.
- **DO** crimp connectors securely.
- **DO NOT** attach components to any part of the vehicle that is not rigid or is subject to excessive vibration.
- **DO NOT** install components in areas where rain or snow can easily get into them, such as next to a vehicle window, which may be left open.
- **DO NOT** dress cables over sharp edges that could cause wear or tearing of cable insulation.
- **DO NOT** install components in locations where they might interfere with the vehicle operator or operating controls.
- **DO NOT** install the Wireless Charging Cradle where it will be difficult for the operator to reach.



WARNING

VEHICLES EQUIPPED WITH AIR BAGS

An air bag inflates with great force. **DO NOT** place objects, including communications equipment, in the area over the air bag or in the air bag deployment area. If the communication equipment is improperly installed and the air bag inflates, this could cause serious injury.

It is recommended that the installation of the vehicle communication equipment be performed by a professional installer/technician trained in the requirements for such installations. An air bag's size, shape and deployment area can vary by vehicle make, model, and front compartment configuration (for example, bench seat vs. bucket seats). Contact the vehicle manufacturer's corporate headquarters, if necessary, for specific air bag information for the vehicle make, model, and front compartment configuration involved in your communication equipment installation.



Power Cable



A. INSTALLING THE POWER CABLE



Caution! The Charger should be used with a negative ground electrical system only. Reverse polarity (positive ground) will trigger protection circuits which cause the cable fuse to open. Check the ground polarity before you begin the installation to prevent wasted time and effort. 12V DC or 24V DC automotive systems are directly supported. Determine the best cable route to the vehicle ignition for the Power Cable from the location where you intend to mount the Wireless Charger.

1. Route the black lead of the main power cable to a convenient chassis ground and the red lead to the positive supply voltage connection point. If it is necessary to penetrate the firewall, try to use an existing opening.
2. If there is no existing opening, drill a new hole approximately 9/16" or 3.5cm in diameter. Make sure that there is clearance on the opposite side. Insert a grommet into the hole to prevent damage to the power cable. When making connections on the engine side of the firewall, additional in-line fuse holder

Diagram 2



To Vehicle ground System

To Vehicle Supply Voltage



In Line Fuse

(included) should be used at the connection points.

3. Cut the black lead to the desired length.
4. If the connection is being made under the dash or in the vehicle cabin, connect the black lead directly to the chassis of the vehicle.
5. If the connection is being made in the engine compartment, connect the in-line fuse holder between the black lead of the power cable and the desired chassis connection point.



Note! Do not connect the black lead to the negative (-) battery terminal. The Charging Cradle could be damaged if there were a malfunction in the vehicle's electrical system.

6. Cut the red lead to the desired length. This lead will be connected such that it has positive supply voltage at all times, even when the vehicle is turned off.
7. If the connection is being made under the dash or in the vehicle cabin, connect the red lead to a positive supply voltage point.
8. If the connection is being made in the engine compartment or directly to the battery, connect the in-line fuse holder between the red lead of the power cable and the desired positive voltage connection point.



INSERTING AND REMOVING THE HANDSET FROM CRADLE

1. Insert the bottom of the handset behind the ridge on the cradle press downwards and set the handset back into the Cradle as shown in **Diagram 4** above until it snaps into place.
2. To remove the handset from the Cradle, push the handset downwards and tilt the top of of the handset forward out of the cradle.



Diagram 4

INSERTING

1. Insert the bottom of the handset behind the ridge
2. push down and tilt back into place

REMOVING

1. Push the handset downwards
2. Tilt the top of of the handset forward out of the cradle



CHARGING THE BATTERY

1. Drop-in the mobile phone into the cradle.
2. The phone will start blinking showing that it's charging
3. Once the phone has been charged the LED indicator will light solid green.

NOTE! Batteries will charge within the temperature window of -10 C to +40 C (50 F to 104 F). If the battery is outside the temperature window, no charge current will be supplied to the battery.

OPERATING SPECIFICATIONS

Input voltage range:	110V DC to 32V DC
Operating ambient:	-30° C to +60° C



■ WARRANTY

Your product has a one-year limited warranty from date of purchase against defects in material and workmanship. Under this warranty, you may return a faulty product to AdvanceTec and AdvanceTec will either repair or replace the faulty product free of charge. To return a faulty product for repair or replacement, please call AdvanceTec in the USA at 305-623-3939 to obtain a Return Material Authorization number. If outside of the USA, contact your authorized AdvanceTec dealer for a Return Material Authorization. This warranty covers only defects in material or workmanship in normal use and not damage from negligent handling, misuse, charging of batteries other than those the charger was specified and designed to charge, or lack of proper care.

Important: Opening of the product will void this warranty. This warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

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