

Rave Phone

Cover art not yet available

User Guide for Rave™ Phones

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| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 4,901,307 | 5,056,109 | 5,099,204 | 5,101,501 | 5,103,459 |
| 5,107,225 | 5,109,390 | 5,193,094 | 5,228,054 | 5,257,283 |
| 5,265,119 | 5,267,261 | 5,267,262 | 5,280,472 | 5,283,536 |
| 5,289,527 | 5,307,405 | 5,309,474 | 5,337,338 | 5,339,046 |
| 5,341,456 | 5,383,219 | 5,392,287 | 5,396,516 | D356,560 |
| 5,408,697 | 5,414,728 | 5,414,796 | 5,416,797 | 5,426,392 |
| 5,437,055 | D361,065 | 5,442,322 | 5,442,627 | 5,452,473 |
| 5,461,639 | 5,469,115 | 5,469,471 | 5,471,497 | 5,475,870 |
| 5,479,475 | 5,483,696 | 5,485,486 | 5,487,175 | 5,490,165 |
| 5,497,395 | 5,499,280 | 5,504,773 | 5,506,865 | 5,509,015 |
| 5,509,035 | 5,511,067 | 5,511,073 | 5,513,176 | 5,515,177 |
| 5,517,323 | 5,519,761 | 5,528,593 | 5,530,928 | 5,533,011 |
| 5,535,239 | 5,539,531 | 5,544,196 | 5,544,223 | 5,546,459 |
| 5,548,812 | 5,559,881 | 5,559,865 | 5,561,618 | 5,564,083 |
| 5,566,000 | 5,566,206 | 5,566,357 | 5,568,483 | 5,574,773 |
| 5,574,987 | D375,740 | 5,576,662 | 5,577,022 | 5,577,265 |
| D375,937 | 5,588,043 | D376,804 | 5,589,756 | 5,590,069 |
| 5,590,406 | 5,590,408 | 5,592,548 | 5,594,718 | 5,596,570 |
| 5,600,754 | 5,602,834 | 5,602,833 | 5,603,096 | 5,604,459 |
| 5,604,730 | 5,608,722 | 5,614,806 | 5,617,060 | 5,621,752 |
| 5,621,784 | 5,621,853 | 5,625,876 | 5,627,857 | 5,629,955 |
| 5,629,975 | 5,638,412 | 5,640,414 | 5,642,398 | 5,644,591 |
| 5,644,596 | 5,646,991 | 5,652,814 | 5,654,979 | 5,655,220 |
| 5,657,420 | 5,659,569 | 5,663,807 | 5,666,122 | 5,673,259 |
| 5,675,581 | 5,675,644 | 5,680,395 | 5,687,229 | D386,186 |
| 5,689,557 | 5,691,974 | 5,692,006 | 5,696,468 | 5,697,055 |
| 5,703,902 | 5,704,001 | 5,708,448 | 5,710,521 | 5,710,758 |
| 5,710,768 | 5,710,784 | 5,715,236 | 5,715,526 | 5,722,044 |
| 5,722,053 | 5,722,061 | 5,722,063 | 5,724,385 | 5,727,123 |
| 5,729,540 | 5,732,134 | 5,732,341 | 5,734,716 | 5,737,687 |
| 5,737,708 | 5,742,734 | D393,856 | 5,748,104 | 5,751,725 |

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 5,751,761 | 5,751,901 | 5,754,533 | 5,754,542 | 5,754,733 |
| 5,757,767 | 5,757,858 | 5,758,266 | 5,761,204 | 5,764,687 |
| 5,774,496 | 5,777,990 | 5,778,024 | 5,778,338 | 5,781,543 |
| 5,781,856 | 5,781,867 | 5,784,406 | 5,784,532 | 5,790,589 |
| 5,790,632 | 5,793,338 | D397,110 | 5,799,005 | 5,799,254 |
| 5,802,105 | 5,805,648 | 5,805,843 | 5,812,036 | 5,812,094 |
| 5,812,097 | 5,812,538 | 5,812,607 | 5,812,651 | 5,812,938 |
| 5,818,871 | 5,822,318 | 5,825,253 | 5,828,348 | 5,828,661 |
| 5,835,065 | 5,835,847 | 5,839,052 | 5,841,806 | 5,842,124 |
| 5,844,784 | 5,844,885 | 5,844,899 | 5,844,985 | 5,848,063 |
| 5,848,099 | 5,850,612 | 5,852,421 | 5,854,565 | 5,854,786 |
| 5,857,147 | 5,859,612 | 5,859,838 | 5,859,840 | 5,861,844 |
| 5,862,471 | 5,862,474 | 5,864,760 | 5,864,763 | 5,867,527 |
| 5,867,763 | 5,870,427 | 5,870,431 | 5,870,674 | 5,872,481 |
| 5,872,774 | 5,872,775 | 5,872,823 | 5,877,942 | 5,878,036 |
| 5,870,631 | 5,881,053 | 5,881,368 | 5,884,157 | 5,884,193 |
| 5,884,196 | 5,892,178 | 5,892,758 | 5,892,774 | 5,892,816 |
| 5,892,916 | 5,893,035 | D407,701 | 5,898,920 | 5,903,554 |
| 5,903,862 | D409,561 | 5,907,167 | 5,909,434 | 5,910,752 |
| 5,911,128 | 5,912,882 | D410,893 | 5,914,950 | 5,915,235 |
| 5,917,708 | 5,917,811 | 5,917,812 | 5,917,837 | 5,920,284 |
| D411,823 | 5,923,650 | 5,923,705 | 5,926,143 | 5,926,470 |
| 5,926,500 | 5,926,786 | 5,930,230 | 5,930,692 | |

Other patents pending.

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82-K5474-1EN, Rev. X2

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FCC/IC Notice

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use the Kyocera Wireless Corp. (KWC) supplied and approved case CA90-G2603-01 and universal belt clip 55-B1795-01.

Other accessories used with this device for body-worn operations must not contain any metallic components and must provide at least 22.5 mm separation distance including the antenna and the user's body.

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.* Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands.

Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR values for these model phones are:

FCC ID: OVFKWC-KE433 (Phone Model KE433)
PCS mode - Head: 1.30mW/g; Body-worn: 0.584mW/g.

(Body-worn measurements differ among phone models, depending upon availability of accessories and FCC requirements. The body-worn SAR values provided above were obtained by using Kyocera Wireless Corp. [KWC] supplied and approved case CA90-G2603-01 and universal belt clip 55-B1795-01).

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section <http://www.fcc.gov/oet/fccid> after searching on the FCC ID:

Model: KE433 FCC ID: OVFKWC-KE433

Additional information on SAR can be found on the Cellular Telecommunications and Internet Association (CTIA) web-site at <http://www.wow-com.com>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Caution

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the warranty and user's authority to operate the equipment.

Warning

Use only Kyocera Wireless Corp. approved accessories with Kyocera Wireless Corp. phones. Use of any unauthorized accessories (includes faceplates/front housings) may be dangerous and will invalidate the phone warranty if said accessories cause damage or a defect to the phone.

Optimize your phone's performance

Use the guidelines on page 2 to learn how to optimize the performance and life of your phone and battery.

Air bags

If you have an air bag, DO NOT place installed or portable phone equipment or other objects over the air bag or in the air bag deployment area. If equipment is not properly installed, you and your passengers risk serious injury.

Medical devices

Pacemakers—Warning to pacemaker wearers: Wireless phones, when in the 'on' position, have been shown to interfere with pacemakers. The phone should be kept at least six (6) inches away from the pacemaker to reduce risk.

The Health Industry Manufacturers Association and the wireless technology research community recommend that you follow these guidelines to minimize the potential for interference.

- Always keep the phone at least six inches (15 centimeters) away from your pacemaker when the phone is turned on.
- Do not carry your phone near your heart.
- Use the ear opposite the pacemaker.
- If you have any reason to suspect that interference is taking place, turn off your phone immediately.

Hearing aids—Some digital wireless phones may interfere with hearing aids. In the event of such interference, you may want to consult your service provider or call the customer service line to discuss alternatives.

Other medical devices—If you use any other personal medical device, consult the manufacturer of the device to determine if it is adequately shielded from external RF energy. Your physician may be able to help you obtain this information.

In health care facilities—Turn your phone off in health care facilities when instructed. Hospitals and health care facilities may be using equipment that is sensitive to external RF energy.

Potentially unsafe areas

Posted facilities—Turn your phone off in any facility when posted notices require you to do so.

Aircraft—FCC regulations prohibit using your phone on a plane that is in the air. Turn your phone off or switch it to Airplane Mode (page 12) before boarding aircraft.

Vehicles—RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer of the device to determine if it is adequately shielded from external RF energy. Your physician may be able to help you obtain this information.

Blasting areas—Turn off your phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

Potentially explosive atmospheres—Turn off your phone when you are in any area with a potentially explosive atmosphere. Obey all signs and instructions. Sparks in such areas could cause an explosion or fire, resulting in bodily injury or death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include:

- fueling areas such as gas stations
- below deck on boats
- transfer or storage facilities for fuel or chemicals
- vehicles using liquefied petroleum gas, such as propane or butane

- areas where the air contains chemicals or particles such as grain, dust, or metal powders
- any other area where you would normally be advised to turn off your vehicle engine

Use with care

Use only in normal position (to ear). Avoid dropping, hitting, bending, or sitting on the phone.

Keep phone dry

If the phone gets wet, turn the power off immediately and contact your dealer. Water damage may not be covered under warranty.

Resetting the phone

If the screen seems frozen and the keypad does not respond to keypresses, reset the phone by completing the following steps:

1. Remove the battery door.
2. Remove and replace the battery.

If the problem persists, return the phone to the dealer for service.

Accessories

Use only Kyocera-approved accessories with Kyocera phones. Use of any unauthorized accessories may be dangerous and will invalidate the phone warranty if said accessories cause damage or a defect to the phone.

To shop online for a Hands-free Car Kit and other phone accessories, visit www.kyocera-wireless.com/store.

To order by phone, call (800) 349-4188 (U.S.A. only) or (858) 882-1410.

Radio Frequency (RF) energy

Your telephone is a radio transmitter and receiver. When it is on, it receives and sends out RF energy. Your service provider's network controls the power of the RF signal. This power level can range from 0.006 to 0.6 watts.

In August 1996, the U.S. Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. These guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies in the following reports:

- ANSI C95.1 (American National Standards Institute, 1992)
- NCRP Report 86 (National Council on Radiation Protection and Measurements, 1986)
- ICNIRP (International Commission on Non-Ionizing Radiation Protection, 1996)

Your phone complies with the standards set by these reports and the FCC guidelines.

E911 Mandates

Where service is available, this handset complies with the Phase I and Phase II E911 Mandates issued by the FCC.

Battery and charger specifications

| Charger | Input | Output |
|---------------------------------|----------------------|------------|
| CV90-60858-01 | 100-240VAC / 50/60Hz | 4.5V 1.5A |
| CV90-60859-1 | 120VAC / 60Hz | 5.2V 400mA |
| Standard Battery: 3.6V / 900mAh | | |

Customer support

Your service provider's customer support department may be accessible directly from your phone when you dial a number such as *611 (check with your service provider). They can answer questions about your phone, phone bill, call coverage area, and specific features available to you, such as call forwarding or voicemail.

For questions about the phone features, refer to the materials provided with your phone, or visit www.kyocera-wireless.com.

For additional questions, you may contact the Kyocera Wireless Corp. Customer Care Center in any of the following ways:

- Web site: www.kyocera-wireless.com
- Email: phone-help@kyocera-wireless.com

Before requesting support, please try to reproduce and isolate the problem. When you contact the Customer Care Center, be ready to provide the following information:

- The name of your service provider.
- The actual error message or problem you are experiencing.
- The steps you took to reproduce the problem.
- The phone's electronic serial number (ESN).

To find the ESN:

- Remove the battery.
- Locate the white label on the back of the phone. Your phone's 11-digit ESN begins with "D" and is located on the label.

Qualified service

If the problem with your phone persists, return the phone with all accessories and packaging to the dealer for qualified service.

Become a product evaluator

To participate in the testing and evaluation of Kyocera Wireless Corp. products, including cellular or PCS phones, visit beta.kyocera-wireless.com.



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Visit us at www.kyocera-wireless.com

To purchase accessories, visit

www.kyocera-wireless.com/store

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CONTENTS

| | | | | |
|----------|---|-----------|---|-----------|
| 1 | Getting Started | 1 | Personalizing the screen | 36 |
| | Charging the battery | 1 | Creating a secure environment | 38 |
| | Using menus | 4 | Setting position location | 40 |
| 2 | Phone Account | 7 | 9 Using Voice Recognition | 41 |
| | Checking your phone balance | 7 | Setting up voice dialing | 41 |
| | Top-Up your account | 7 | Calling using voice tags | 41 |
| 3 | VirginXtras | 9 | Using voice features with accessories | 42 |
| | Accessing VirginXtras | 9 | Training voice recognition | 43 |
| | Navigating Xtras | 9 | 10 Using Tools | 44 |
| 4 | Making and Answering Calls | 11 | Scheduler | 44 |
| | Making a call | 11 | Alarm Clock | 44 |
| | Calling emergency services | 12 | Tip Calculator | 45 |
| | Speed dialing | 14 | Calculator | 45 |
| | Setting up voicemail | 14 | Timer | 46 |
| | Silencing an incoming call | 15 | Stopwatch | 46 |
| | Locking the keypad | 15 | Flashlight | 46 |
| 5 | Entering Letters, Numbers, and Symbols | 17 | 11 Games | 47 |
| 6 | Storing Contacts | 20 | Tetris | 47 |
| | Saving a contact entry | 20 | Brick Attack | 48 |
| | Editing or erasing a contact | 21 | Doodler | 48 |
| | Finding contact information | 22 | Index | 51 |
| 7 | Messages | 25 | | |
| | Sending text messages | 25 | | |
| | Retrieving text messages | 29 | | |
| | Customizing message settings | 32 | | |
| 8 | Customizing Your Phone | 34 | | |
| | Silencing all sounds | 35 | | |
| | Choosing a different ringtone | 35 | | |
| | Adjusting volume | 36 | | |