FCC INFORMATION:

FCC ID: OKXDR100

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This UHF Scanner receives signals in the 450-470 MHz range. It is not designed or physically capable of being altered to receive cellular telephone conversations. Receiving cellular communications is strictly illegal and is a federal offense.

DRIVER'S RADIO INC.
266 Oneida Trail
Greensburg, IN 47240
(812) 527-2928

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DRIVER'S RADIO

"Plug In - Ride With The Winners"

"The Economical Way To Scan The Race"

Operators Manual and Warranty Information

OPERATION OF SCANNER/AM/FM RADIO

This headphone radio operates in three ways:
1. As a SCANNER only.
2. As an AM/FM radio only
3. Both as a SCANNER and as a AM/FM radio

This radio will allow you to listen to the drivers and spotters conversations with the pit crews. In addition you may listen to the race broadcast on either an AM or FM radio station. By moving the switch on the side to BOTH, you may listen to the radio and the scanner at the same time. When a driver begins to speak, the radio will automatically switch from AM/FM to SCANNER mode. When the driver has finished talking, the radio will automatically return to the AM/FM broadcast. With this headphone you hear all the action.

Simply insert your favorite drivers FREQUENCY CARD into the headset, tune the AM or FM radio to the race broadcast and enjoy!

FREQUENCY CARD OPERATION

The frequency card has been preprogrammed with the frequencies used by the driver indicated. If the team used more than one frequency, this radio will scan all the frequencies used by that team.

From time to time the drivers may change the frequencies they use. If this happens you will need to update your frequency card. By reprogramming the card, it will never become obsolete. To update the frequency card with the latest frequencies, simply return to a dealer selling the headphones. You may wish to update your cards at every race, to be sure you have the latest frequencies.

INSERTING FREQUENCY CARDS

EXTREMELY IMPORTANT -TURN OFF RADIO BEFORE INSERTING OR REMOVING FREQUENCY CARDS. To insert the frequency card, note the position of the pins inside the headphone. The small openings on the frequency card slide onto the pins. If the frequency card does not easily slide into the headphone and lock into position, check orientation of the card. The number of the driver being scanned should always be readable (not upside down).

FUNCTION SWITCH ON SIDE

The function selector switch is located on the side of the headphone opposite of where the frequency chip is inserted. This switch is marked BOTH on the top and UHF on the bottom.

To listen to the radio only, do not use a frequency card. When the card is not used, the headphone operates as a standard AM/FM radio.

To listen to the scanner only, move this switch to the UHF or bottom position. You will hear only the driver communications and will not be able to hear the AM/FM radio. If you choose this option it is best to position the AM/FM switch to AM. This will improve the reception of the scanner.

To listen to the AM/FM radio and also hear the drivers, insert the frequency card, move the switch to the BOTH position at the top. You will hear the AM/FM radio and scanner at the same time. When the driver talks the headphone will automatically turn off the AM/FM and turn on the Scanner.

VOLUME ADJUSTMENT

The radio volume is controlled by turning the wheel at the bottom of the headphone. This control will adjust the volume of both the AM/FM radio and the scanner. Battery life is directly related to the volume. The louder the radio, the shorter the life of the battery. Always adjust the volume to the lowest possible setting, where scanner communications and radio are audible. When not listening to the headphone, be sure to turn off the radio to extend the battery life.

BATTERY LIFE

This scanner radio is a high voltage drain device. Use only new high quality Alkaline batteries. Under normal listen conditions a new alkaline battery should last the entire length of the race. Always carry an additional battery as a replacement if needed.

If the scanner receives only static with the frequency card inserted the battery must be replaced.

INSERTING BATTERY

EXTREMELY IMPORTANT -TURN OFF RADIO BEFORE REPLACING BATTERY. Do not reverse the polarity of the battery. Be sure the positive (+) side of the battery is connected to the positive (+) side of the connector and the negative (-) to the negative (-). **IF THE POLARITY OF THE BATTERY IS REVERSED FOR MORE THAN A MOMENT - PERMANENT DAMAGE WILL OCCUR TO THE SCANNER.**

Remove the battery compartment cover, attach 9 volt battery to terminals, (we strongly recommend Heavy Duty Alkaline Battery), insert battery into compartment and replace cover. Very few batteries are leakproof. Always remove batteries, even if new, when storing for long periods as they have a tendency to leak chemicals which will damage your radio.

IMAGE FREQUENCIES:

All scanners are subject to image frequencies. Image frequencies are frequencies the scanner will receive in addition to the desired frequency. You may occasionally hear a conversation from a different race team or from some other source such as police, security or catering. If this happens, the scanner is still working properly, and will continue receive the team as desired. These image frequencies are a natural occurrence and can not be avoided.

LIMITED WARRANTY

Your radio has been inspected and adjusted at the factory and is warranted to be free from defects in material and workmanship under normal use for a period of 30 days from the date of original purchase. During the warranty period, upon proof of purchase, we will replace or repair your radio with a new or factory serviced unit, at our option, at no cost for labor, materials or return shipping to you. NO OTHER WARRANTIES ARE MADE, EXPRESSED OR IMPLIED. Repair or replacement is your sole remedy unless otherwise provided by applicable state law. The company will not be responsible for any consequential damages.

This warranty is applicable only to this product and does not cover batteries and failure beyond the control of the company or to any product that has been misused, abused or altered. Radios out of warranty, after 30 days, that have not been misused, abused or altered will be repaired, if possible, for a nominal fee of $25 to cover labor, postage, handling and return shipment to you.

UHF SCANNING RECEIVER DATASHEET

Type	Double-conversion scanner
Tuning Method	Pre-programmed insertable card
Frequency Range	450 - 470 MHz
Number of channels	1 to 42
Channel width	12.5 kHz
Modulation	FM
Sensitivity	-140dBm to trigger mute switch
Selectivity	+/-3kHz : -12dB +/-12.5kHz : -28dB +/-25kHz : -40dB
1st IF Frequency	65MHz (varies by +/- 2MHz with 1st LO frequency)
2nd IF Frequency	455kHz
Image Rejection, 1st IF	-40dB (image frequency is the receive frequency plus 2 times the 1st IF frequency)
Tuning Accuracy	Nominal : 1875Hz Over Temperature : 4200Hz
Power source	9V battery, switched
Rev. Polarity Tolerance	2 Sec
Min. Battery Voltage	6.7V
Current Drain	68mA
Battery Life	3.25 Hours, (assumes 580mAh alkaline battery)
Scan Time	130mSec per channel
Hold Time	520mSec after transmission
Operating Temperature	10°C to 40°C

RADIO FEATURES

AM/FM/Scanner Headphone Radio

Scanner frequency selected by Plug in Frequency Cards

Microprocessor controlled frequency selection

Phase Locked Loop (PLL) circuit

Automatic Squelch Control

Automatic Frequency Control

Radio/Scanner/Both Selector Switch

AM/FM Selector Switch

Headphone speakers are sealed from outside noise

Built in antennas

Adjustable head band

Battery operated (9 volt)

FREQUENCY CARDS

Re-programmable frequency cards never become obsolete

Scans multiply frequencies per driver

Special graphics identify the driver being scanned.

IF SERVICE IS REQUIRED

"A majority of failures are caused by week batteries - be sure to check with new battery prior to returning the radio for service"

Your radio will be repaired or replaced (company option) and returned within 30 days of receipt in accordance with the terms expressed in the Limited Warranty. When returning a radio for service, BE SURE to fill out the data card below, detach and enclose with the radio. Use a sturdy carton and if you are using the U.S. Mail, we suggest you insure the package so it can be easily traced.

FAILURE DATA CARD

Customer Name_____

Address_____

City, State, Zip_____

Date Radio Purchased_____

Customer Complaint

- ☐ **Dead**
- ☐ **Distorted sound**
- ☐ **Weak**
- ☐ **Noisy**
- ☐ **Other (specify**
- ☐ **Failed on initial use**
- ☐ **Appearance defect**
- ☐ **Intermittent**
- ☐ **Volume fades**
- ☐ **Defective controls**