

# PORTAVIEW 20 JR

TTY/TDD | K-PV20JR



Made in the U.S.A.



## FEATURES

- 1-year Manufacturer's Warranty
- 4 – Row Keyboard
- 32K Character Memory
- Rugged Injection-Molded Case
- Acoustic cups to fit round and square handset
- Pre-recorded greeting messages
- GA – SK combination keys for easy typing
- Heavy duty rechargeable battery

## THINGS TO KNOW

- Krown Manufacturing Inc.'s reputation for providing technologically advanced and quality Telecommunication Devices for the Deaf (TDD) at an affordable price is reflected in the Portaview 20 JR. It utilizes the same degree of engineering as other TDD's and will provide years of reliability and performance. Feature for feature, the PV20JR is an excellent value when compared with other TDD's available today.
- Portable, lightweight, and dependable...Krown's PV20JR delivers superior communications for all your telephone calls.
- The Krown PV20JR has a built-in microphone and speaker allowing the use of all phone types; cordless, corded, flat, square, round. The Krown PV20JR does not require a direct phone line connection.

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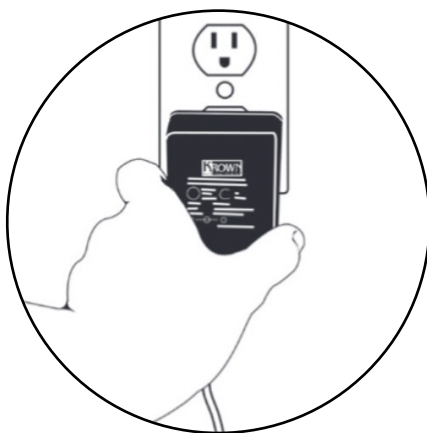


## I. GETTING STARTED

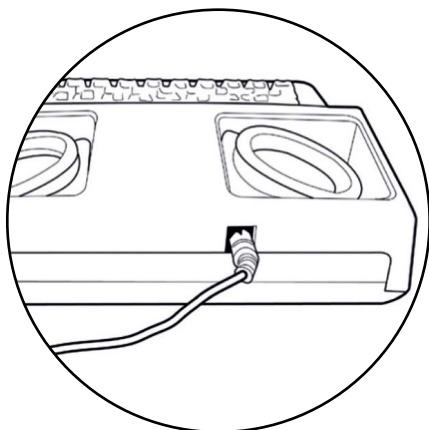
Your new PortaView 20 Junior (PV20JR) is created by industry pioneer, Krown Manufacturing. The unit is compact, lightweight, and portable. Here are a few quick and easy steps to setup your PV20JR for use:



**FIG 1**  
Set your PV20JR near your telephone and near an electrical outlet.



**FIG 3**  
Plug the adaptor/charger into an electrical outlet.



**FIG 2**  
Plug the adapter cord into the jack in the back of the PV20JR.



**FIG 4**  
Turn on the PV20JR by pushing the ON/OFF switch at the right of the display.

Let the PV20 charge by leaving the AC adapter plugged in for 24 hours prior to use. After charging you may choose to use either the AC adapter or battery to power the unit. A fully charged battery will provide approximately 8 hours of use. If you plan on taking the PV20 with you when traveling, be sure to charge the battery the night before. You may keep the adapter plugged in when using the unit to ensure a fully charged battery for use in case of a power outage.

To make a call during a power outage simply turn the unit on by pushing the ON/OFF switch at the right of the display, (FIG. 4) and follow the instructions in section II with a regular telephone.

**CAUTION!** The adapter/charger is NOT interchangeable. You MUST use the adapter that comes with your unit.

## II. HOW TO MAKE A TDD CALL

1. Turn on your PortaView (PV20JR). (See FIG.4)
2. Put the telephone handset into the rubber acoustic cups. The telephone cord must be on the left. (See FIG.1)
3. Watch the signal light to make sure it glows red steadily. A steady red glow indicates a dial tone. If the signal light blinks, press your phone receiver button to hang up for a few seconds; then release and watch for a steady red light.
4. Dial the number you want to call. The signal light lets you know what is happening on the phone line. If it blinks slowly, the phone is ringing. If it blinks fast, the line is busy.
5. Wait for the other person to answer you and type GA (Go Ahead) which is your signal to start typing. If the signal light flickers, it may be a hearing person answering by voice. Press the space bar to let the person know it is a TDD call.

6. After you respond, type GA to show it is the other persons turn to type a response.
7. Continue typing back and forth with the other party remembering to use GA at the end of each statement.
8. When the conversation is finished, type GA TO
9. SK (Go Ahead if you have more to say; I'm finished).
10. When both parties type SK (Stop Keying, the conversation is finished. You can hang up the telephone and turn off your PV20JR.

### **III. HOW TO ANSWER A TDD CALL**

1. When the telephone rings, turn on the PV20JR and place the telephone handset onto the rubber acoustic cups. (See FIG.1)
2. Type your greeting followed by GA to signal the other person to begin typing.
3. Continue typing back and forth remembering to use GA at the end of each statement.
4. When you are finished, type GA TO SK.
5. When both parties type SK, the conversation is finished. You can hang up the telephone and turn off your PV20JR.

#### **NOTE TO HEARING PEOPLE**

You can recognize an incoming TDD call in two ways:

The caller will press the space bar and  
you will hear electronic beeps.

OR

There will be a silence on the other end assume this could be a  
TDD call and follow the steps given above.

## IV. USE AND CARE OF RECHARGEABLE BATTERIES

The PortaView comes with a rechargeable battery pack as a standard feature. The battery can supply up to 8 hours of power when the PortaView is not plugged into an electrical outlet.

### To **USE** the battery:

1. Disconnect the adapter/charger from the PV20JR.
2. Use the PV20JR as usual.

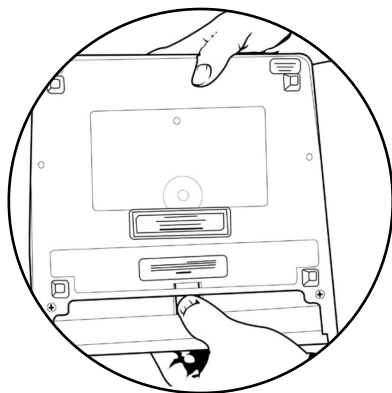
### To **RECHARGE** the battery:

1. The POWER Light will blink when the battery is weak.
2. Turn off the PV20JR.
3. Connect the adapter/charger to the PV20JR.
4. Plug the adapter/charger into an electric outlet.
5. Leave the PV20JR plugged in and turned off for 12 to 15 hours.

THE PV20JR battery begins recharging when the power adapter is plugged in.

### To **REPLACE** the battery:

1. Turn the PV20JR upside down and place in your lap.
2. Find the battery door.
3. Press the door latch marked "PRESS" with your thumb.

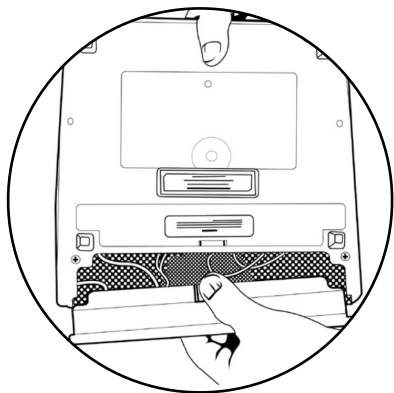




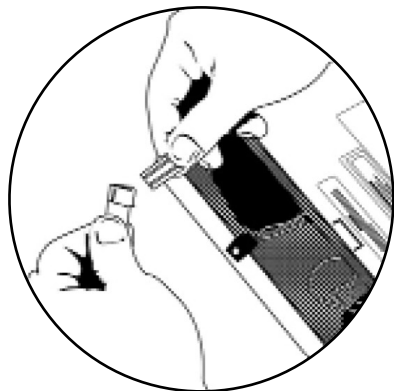
### **IMPORTANT NOTE:**

It is important to "exercise" the battery regularly to prolong the overall life of the battery. From time to time (once per month), allow the battery to run down until the power light flashes. Recharge using the procedure given in previous section.

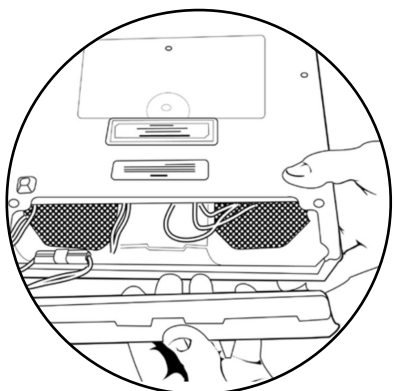
4. Slide the door out.



5. With a firm grip on the white connector, carefully separate the two halves of the connector, gently wiggle and pull at the connector unit it disconnects.



6. Turn the white male plug connected to the board with the tab on top. Align the white female plug with the white female plug with the tab on top to the male plug. Slide them in together.
7. Place the battery back in the compartment.
8. Snap the door back in place.



## V. SERVICE INFORMATION

### Helpful Hints:

- Be sure to turn off your PV20JR when not in use.
- Avoid exposing your unit to extreme hot or cold temperatures.
- Avoid dropping the unit, as it is a delicate electronic instrument.
- If you have trouble sending or receiving messages, make sure your phone cord is to the left on the unit (acoustic mode).
- When traveling by air, carry your PV20JR on as hand luggage. At the security station, do not allow the unit to be x-rayed. Ask for a hand inspection instead. DO NOT check in the unit as baggage.
- Be careful not to spill liquids onto the PV20JR. Also protect it from dust and dirt.
- Exercise the battery often to ensure years of service.
- If the telephone being used in conjunction with the PV20JR has a volume control, ensure it is turned  $\frac{3}{4}$  of the way up.

### What to do if...

- The PV20JR will not send or receive:
  - A. Check to make sure the phone cord is to the left side of the unit (acoustic mode).
  - B. If the battery is weak, begin using your adapter/charger
- The battery runs down very quickly:
  - A. Exercise the battery often by allowing it to run down completely. Then recharge it overnight.
- The unit receives only numbers and figures:
  - A. Press your "X" key several times to change to letters mode, then proceed

## **VI. REPAIRS**

If your PV20JR needs repair, pack it in the original shipping box along with the adapter and charger. PLEASE enclose a note describing the problem you are having.

You may send the unit to the authorized repair center at:

KROWN MANUFACTURING INC.  
ATTN: Repair Dept  
3408 INDALE ROAD  
FORT WORTH, TX 76116

## **VII. WARRANTY**

Your Portaview 20 Junior is covered for (1) full year from the date of purchase against all defects in materials and/or workmanship. Please fill out and send in the warranty cards as soon as possible. Extended warranty information is included with your unit.

## **VIII. SPECIFICATIONS**

### **Keyboard**

- 44 Keys, 4-row keyboard (PV20)

### **Display**

- 20 Character
- Vacuum florescent or LED
- 5.5 mm character height

## Communications

- Baudot code, 45.5 Baud
- 1 start bit, 5 data bits, 1.5 stop bits
- Acoustically coupled to round and square handsets

## Power

- AC charger: input 100 - 240VAC, output 9VDC at 1A, (neg. centered)
- Heavy duty battery: 6VDC, 1800 mAH
- UL Listed

## Physical Dimensions

- Weight: 2.7 lbs. (1.36 kg) with batteries
- Size: W 10" (25.4 cm), L 10" (25.4 cm), H 2.5" (6.5 cm)

# IX. TDD TYPING ABBREVIATIONS

TDD users often abbreviate commonly used words or expressions to save time Here are some common abbreviations used in TDD communication.

|          |  |
|----------|--|
| GA       | Go Ahead (your signal to begin typing)         |
| SK       | Stop Keying (sign off)                         |
| QQ       | Question - take place of (?) key               |
| PLS      | Please   |
| MIN      | Minute   |
| HD       | Hold   |
| UR       | Your   |
| THX      | Thanks   |
| XXXXX    | Mistake  |
| GA to SK | Go ahead if you have more to say; I'm finished |
| U        | You  |
| MSG      | Message  |



For your convenience the unit has several pre-recorded messages that will become handy in your conversation. To use those messages: first press and hold the down CTRL key and press the other key in combination then release both keys.



|               |                                       |
|---------------|---------------------------------------|
| CTRL + 1      | Hello GA                              |
| CTRL + 2      | (Smile)                               |
| CTRL + 3      | PLS HOLD                              |
| CTRL + 4      | HA HA HA                              |
| CTRL + 0      | BYE BYE SK                            |
| CTRL + RETURN | SK                                    |
| CTRL + SPACE  | GA                                    |
| CTRL + Q      | "THE BROWN..." (test message)         |
| CTRL + V      | Display model and version of the unit |

## ¡ IMPORTANT ¡

### X. SAFETY INSTRUCTIONS

1. Read/keep these instructions.
2. Read all warnings.
3. Follow all instructions.
4. Do not use this device near water.
5. Clean only with a dry cloth.
6. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other.
8. Do not tamper with the polarized & grounding plug. Each blade of the plug has a special purpose for seamless communication & safety. A grounding type plug has two blades and a third grounding prong.
9. Liquid damage is not covered by warranty.
10. Unplug this product during lighting storms.
11. Caution marking is located at the bottom of device.

**Warning: To prevent fire or shock hazard.  
Do not expose this unit to rain or moisture.**

|  |  |   |
|--|--|---|
|  <p>The lightning flash with an arrowhead within a triangle alerts you to uninsulated dangerous voltage within the product's enclosure that could cause an electric shock</p> | <p><b>CAUTION</b></p> <p><b>RISK OF ELECTRIC SHOCK DO NOT OPEN</b></p> <p>TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS QUALIFIED PERSONNEL. INSIDE. REFER SERVICING TO</p> |  <p>The exclamation point within a triangle alerts you to presence of important operating, maintenance and servicing instructions in this user's manual.</p> |
|--|--|---|

The socket-outlet shall be installed near the equipment and shall be easily accessible.



This image shows a full page of primary-ruled paper. It consists of multiple horizontal rows, each defined by two parallel dotted lines. The rows are evenly spaced across the entire page, providing a guide for handwriting practice. There are no margins, text, or other markings present.



Our strategic intent is to help people who are deaf or hard-of-hearing by finding better ways to live in an accessible world.

We use leading research and development to manufacture universally designed products.

We do business with purpose, integrity, and honesty.

We aspire to deliver quality and excellence in all we do.

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