PORTAVIEW

MODEL: PV20 JR

INSTRUCTIONS

5th Edition

KROWN
MANUFACTURING, INC.

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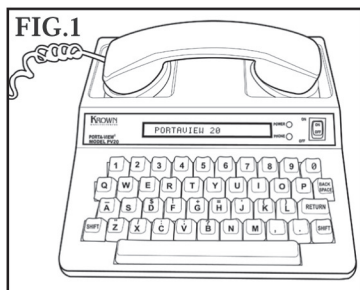
I GETTING STARTED

Your new PortaView (PV20) is created by the industry pioneer:
Krown Mfg., Inc. The unit is compact, lightweight, portable and
easy to use. There's only a few steps to setup your PV20:

1: Set your PortaView near your telephone and near an
   electrical outlet. (see FIG.1)

FIG.1

2: Plug the adapter/charger cord into the jack in back of the
   PortaView. (see FIG.2)

FIG.2
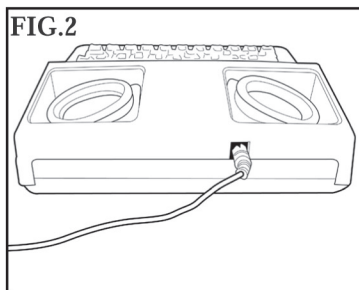
3: Plug the adaptor/charger into the electrical outlet. (see FIG. 3)

FIG.3

4: Turn on the PortaView by pushing the on/off switch at the right of the display. (see FIG.4)

FIG.4

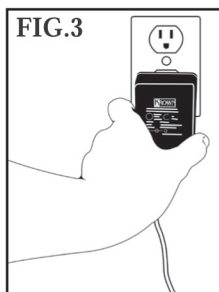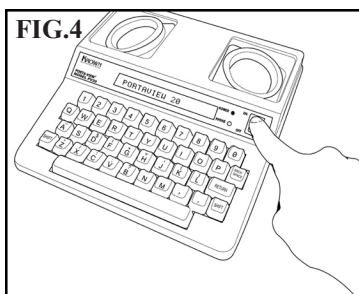You must let the PV20 charge for 24 hours by leaving the adaptor plugged in before use. After that, you may choose to use AC adapter or batteries. A full charged batteries will last up to 8 hours in use. When you plan to take it with you while traveling, make sure to charge the battery the night before. At home, you may keep the adapter plugged in when using the unit, to make sure you have a strong battery.

To make a call even during a power outage, if it is already charged, you may turn the unit on by pushing the on/off switch at the right of the display. (FIG.4) and follow instruction on secton II with a regular telephone. The battery can last 8 hours if it is fully charaged.

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

II   HOW TO MAKE A TTY/TDD CALL

1: Turn on your PortaView. (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
    (**G**o **A**head) 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
    TTY/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 SK (Go Ahead
    if you have more to say; I'm finished).

9: When both parties type SK (**S**top **K**eying), the conversation
    is finished. You can hang up the telephone and turn off
    your PortaView.

III HOW TO ANSWER A TTY/TDD CALL

1: When the telephone rings, turn on the PortaView 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 PortaView.

NOTE TO HEARING PEOPLE

You can recognize an incoming TTY/TDD call in two ways:

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

OR

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

IV USING YOUR PV20JR WITH WIRELESS PHONE

If you ordered your PV20JR with the wireless option, use the supplied cable to connect your TDD direct to a TTY compatible digital cell phone or a cordless phone with 2.5mm headset jack. When purchasing a cell phone a service for your PV20JR, make sure you get a TDD compatible cell phone or look for the TDD-cell phone symbol:

OR
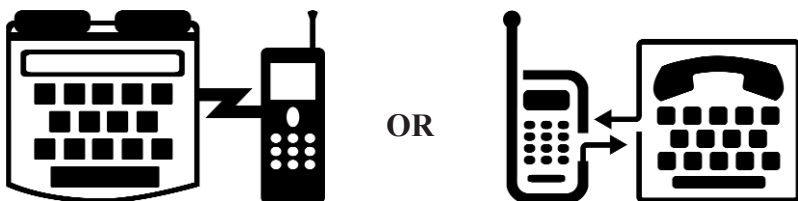
MAKING A CELLULAR CALL WITH YOUR PV20JR

Always charge the TDD and your cell phone fully before use. Make sure you get a strong signal from your provider and your TDD is off. Set up your cell phone to work in TTY/TDD mode.
(Refer to your cell phone manual)

1: Connect the cable ends from the cell phone to your TDD.
2: Turn on your TDD
3: If your cell phone is not in TTY/TDD mode, select your cell phone to work in TTY/TDD compatible mode.
4: Dial the number you are calling on the cell phone and press the "send" or "talk" button to initiate the call.
5: If the other party's TDD picks up, the PV20JR will display text and conversation has been started.

ANSWERING A CELLULAR CALL

Make sure to turn the ringer of your cell phone to vibrate mode. If your battery does not support this mode, you may need to order a vibrating battery from your cell phone provider.

1: If the cell phone vibrates, you have an incoming call. Connect your PV20JR using the cable that came with your TDD to the cell phone.
2: Answer the call with your cell phone (usually you press "TALK" or "SEND" button on your cell phone, refer to your cell phone manual for how to answer a call.)
3: Turn on your PV20JR and type your greeting message.

When you are ready to hang up, turn off your PV20JR and press the button to hang up the call for your cell phone using the "hang up" or "disconnect" button.

Connecting your TDD to a wireless phone is an optional feature. Please call a Krown representative to have it installed.

USING YOUR PV20JR WITH A CORDLESS PHONE

You can connect your PV20JR to a cordless phone with a 2.5mm headset jack, and enjoy the freedom of making a call around the house. Charge your TDD and cordless phone fully before use.

MAKING A CORDLESS CALL WITH YOUR TDD:

1: Connect the PV20JR to the cordless phone using the 2.5mm audio cable. (provided by Krown Mfg.)
2: Turn on your TDD
3: Press "ON" button on your cordless phone and watch the "PHONE" light illuminate on your TDD to make sure you get a dial tone.
4: Dial the phone number as you would normally on your cordless phone.
5: If the other TDD or Relay Agent picks up your call, Your PV20JR will display text message and the communication link has begun.

TROUBLESHOOTING FOR TTY/TDD-WIRELESS CALL

There are many new technologies that have been used to establish the wireless communication link between users. It is possible to have errors in any phone conversation. Below are some tips to assist with any questions that you may have.

"Garbled text"
It maybe caused by lost, damaged, or late signals sent through the air to the receiver. It happens with any wireless call, even with non-TTY calls, and mainly caused by nature.
Move your TDD and the cell phone to where you receive strong and consistent signal.
If you use a cordless phone, refer to your owner's manual to know how to switch channels or move closer to the base to strengthen the signal. Check to make sure that you have a good connection from the cable to the TDD and the wireless phone.

"Dropped calls"
This happens when you are moving between 2 cell towers or in valleys, hills, and tunnels. Try to redial when you have a stronger signal from your cell phone.
(This is common when traveling, or having a weak signal)

"Feedback"
If your "PHONE" light on your TDD is constantly on, your PV20JR is getting possible feedback. Reduce the volume of your cell phone or cordless phone until the receiving messages are clear.

V   TTY/TDD TYPING ABBREVIATIONS

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

GA. . . . . Go Ahead (your signal to being typing)
SK. . . . . Stop Keying (sign off)
QQ . . . . Question - takes the place of [?] key
PLS . . . . Please
MIN . . . . Minute
HD . . . . Hold
UR . . . . Your
THX . . . . Thanks
XXXXXX . . . . Mistake
GA TO SK. . . Go Ahead if your have more to say; I'm finished
U . . . . You
THRU . . . . Through
XOX. . . . . Hugs and Kisses
MSG. . . . . Message

For your convenience the unit has several pre-recorded messages that will become handy in your conversation.
To use those message: first, press and hold 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 BAR. . . . . GA
CTRL + Q . . . . "THE QUICK BROWN..." (test message)
CTRL + V. . . . . Display model and version of the unit.

# VI 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.
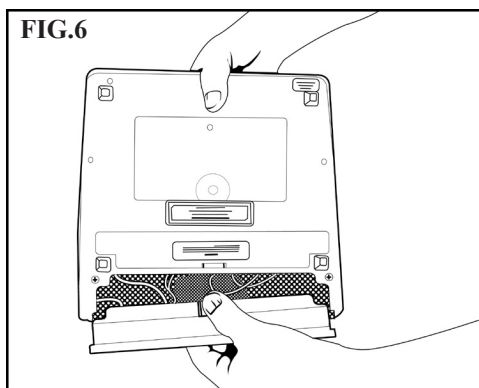
To USE the battery:
    1: Disconnect the adapter/charger from the PortaView.
    2: Use the PortaView as usual.

To RECHARGE the battery:
    1: The Power Light will blink when the battery is weak.
    2: Turn off the PortaView.
    3: Connect the adapter/charger to the PortaView.

FIG.5
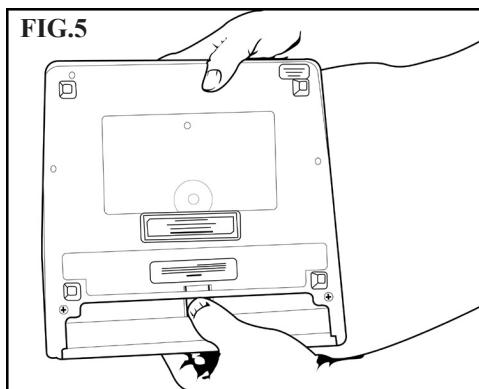
   4: Plug the adapter/charger into an electric outlet.

FIG.6

   5: Leave the PortaView plugged in and turn off for 12 to 15 hours.

You can use the PortaView as the batteries recharge.
Just remember to turn the unit off when you are finished.

To REPLACE the battery.
 1: Turn the PortaView upside down and place in your lap.
 2: Find the battery door.
 3: Press the door latch marked "PRESS" with your thumb.
    (see FIG.5)
 4: Slide the door out. (see FIG.6)
 5. With a firm grip on the white connector, carefully separate
    the two halves of the connector gently wiggle and pull at
    the connector until it disconnects. (see FIG.7A)

FIG.7A
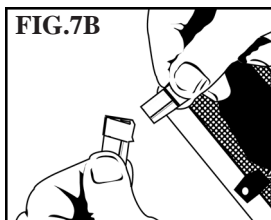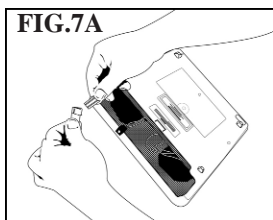
FIG.7B

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

FIG.8
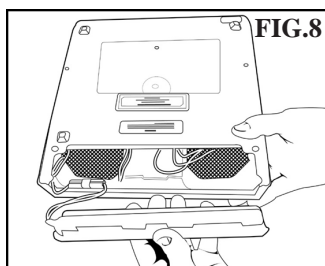
IMPORTANT NOTE:
    It is important to "exercise" the battery regularly to prolong
    the overall life of the battery. From time to time (once per
    month), allow the battery to run down until the power light
    flashes. Recharge using the procedure given in previous section.

VII SERVICE INFORMATION

HELPFUL HINTS

- Be sure to turn off your PortaView when not in use.
- Avoid exposing your unit to extreme - hot or cold temperatures.
- Avoid dropping the unit - It is a delicate electronic instrument.
- If you are having trouble sending or receiving messages, make sure your phone cord is to the left (acoustic mode).
- When traveling by air, carry your PortaView 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 PortaView. Also protect it from dust and dirt. (Dust Covers are available from Krown Manufacturing or an authorized distributor.)
- Exercise the battery often to ensure years of service.

B: WHAT TO DO IF...

- The PortaView won't send or receive.
  a. Check to make sure the phone cord is to the left (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.

VIII REPAIRS

If your PortaView needs repair, pack it in the original shipping box along with the adapter & 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.
3408 Indale Road, Fort Worth, TX 76116

IX WARRANTY

Your PortaView is covered for one 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.

X SPECIFICATIONS

Keyboard	44 Keys, 4-row keyboard (PV20)
Display	20 character
	Blue/Green vacuum fluorescent
	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 rectangular handsets
Power	AC charger/adapter: Model 48DT-7
	Heavy duty battery: 6VDC, 1700 MAH
	UL listed
Physical Dimensions	Weight: 2.7 lbs (1.36 kg) with batteries
	Size: W 10" (25.4 cm), L10" (25.4 cm), H 2.5" (6.5 cm)

NOTE

KROWN
MANUFACTURING, INC.

3408 Indale Road, Fort Worth, TX 76116

Voice:	(817) 738-2485
TTY:	(817) 738-8993
VP:	(682) 200-1331
Fax:	(817) 738-1970
E-mail:	Info@KrownMfg.com
Web Site:	www.KrownMfg.com

Toll Free (800) 366-9950