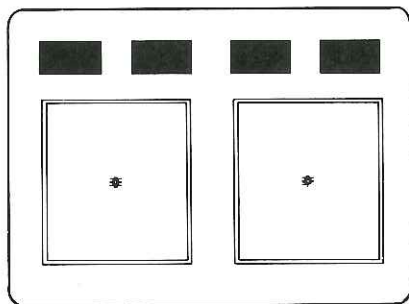# Test Tag 6 - IBM PC*jr* Attachable Joystick Test

You must have an attachable Joystick installed to run this test.

If, while running the IBM PC*jr* Attachable Joystick Test you wish to discontinue the test and return to the First IBM PC*jr* Test Menu Screen, press Fn then press Break.

Remember, because television and display colors vary, the colors in this book may not match the colors on the screen.
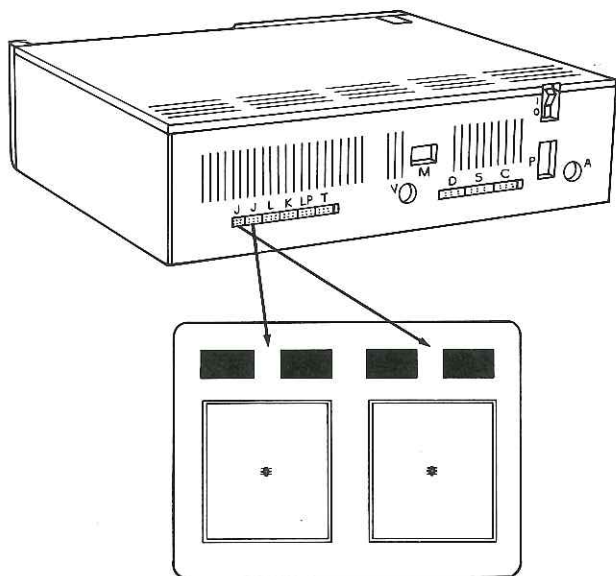
1   Do the shapes of the blocks and lines on the screen match the shapes of the blocks and lines in the figure below? (You will have a "*" in one or both of the large boxes.)

YES –   Go to Step 2.

NO –   Go to Step 4.

2

This screen represents the Joysticks connected to your IBM PC*jr*. The two blocks and box on the left of the screen represent the Joystick you have connected to the right connector (viewed from the rear of the system unit). The two blocks and box on the right of your screen represent the Joystick you have connected to the left connector.

If you have a Joystick connected to the rear of your IBM PC*jr*, an "*" will appear in the box representing the connector used.

The "*" should be in the center of
the box. If it is not, use the centering
adjustment levers to center the "*".
See the "Centering Adjustment
Procedure" in the Attachable
Joystick option instructions in
Section 5.

The two blocks on the top of the
screen represent the buttons on your
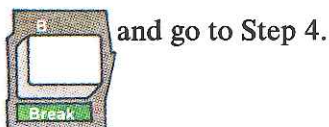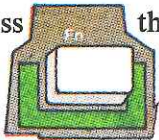Joysticks.

Go to Step 3.

3   Press each button on your Joystick, one at a time.

Each block on the top of your screen gets smaller, as if it has been pressed.

The "*" inside each box can be moved by moving the control stick. Move each "*" to the top of its box and around the inside of its box.

Did your Joysticks work correctly?

YES –   Press then press

 and go to Step 4.

NO –   Have your IBM PC*jr* and your Joysticks serviced. See "Service Information" in this section.

4   The First IBM PC*jr* Test Menu
           Screen appears with a message under
           Test Tag "6". The message on the
           left gives the results of the Joystick
           Test for the Joystick you have
           connected to the right connector
           (viewed from the rear of the system
           unit). The message on the right
           gives the result of the Joystick Test
           for the Joystick you have connected
           to the left connector. The meaning
           of these messages is shown below:

*   You have completed the
           Attachable Joystick Test. Go to
           Step 5.

A   There is no Joystick in that
           connector. If you do have a
           Joystick connected there, make
           sure it is connected properly. If
           it is, have your IBM PC*jr* and
           your Joystick serviced. See
           "Service Information" in this
           section.

B   Have your Joystick serviced.
           See "Service Information" in
           this section.

C   Have your IBM PC*jr* serviced.
           See "Service Information" in
           this section.

Testing

5   Do you want to run another test?

YES -   Go to "Running the IBM
             PC*jr* Tests" in this section.

NO -   If you have a diskette drive
             installed, you may run the
             "Exploring the IBM PC*jr*"
             diskette at this time. If you
             have run the "Exploring the
             IBM PC*jr*" diskette before,
             you may continue normal
             operations.

Test Tag 9 - Sound Test

If, while running the Sound Test, you wish to discontinue the test and return to the First IBM PC*jr* Test Menu Screen, press Fn, then press Break.

The Sound Test has 6 parts.

Part 1 tests the speaker in your IBM PC*jr*. You hear one beep. You may also hear the beep from your television, display, or external sound system. After this part of the Sound Test is complete, a speaker with a flashing "9" underneath it appears on the screen.
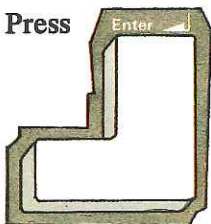
1   Did you hear Part 1 of the Sound Test?

         YES –   Go to Step 2.

         NO –   Have your IBM PC*jr* serviced. See "Service Information" in this section.

Testing

2

Part 2 starts as a low-pitched sound from your speaker. The sound's pitch increases smoothly until it reaches a peak, stays steady for a second and then diminishes until the sound is gone. After this part of the Sound Test is complete, a second speaker with a flashing "9" underneath it appears on the screen.

Press

Enter

Did you hear Part 2 of the Sound Test?

YES –   Go to Step 3.

NO –   Go to Step 7.

3

Part 3 sounds the same as Part 2. It starts as a low-pitched sound from your speaker. The sound's pitch increases smoothly until it reaches a peak, stays steady for a second and then diminishes until the sound is gone. After this part of the Sound Test is complete, a third speaker with a flashing "9" underneath it appears on the screen.
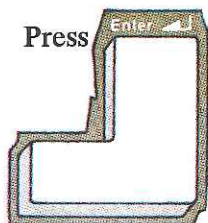
Press ⟨Enter ⏎⟩

Did you hear Part 3 of the Sound Test?

YES – Go to Step 4.

NO – Go to Step 7.

4

Part 4 sounds the same as Part 2. It starts as a low-pitched sound from your speaker. The sound's pitch increases smoothly until it reaches a peak, stays steady for a second and then diminishes until the sound is gone. After this part of the Sound Test is complete, a fourth speaker with a flashing "9" underneath it appears on the screen.
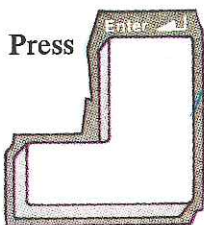
Press

Did you hear Part 4 of the Sound Test?

YES –   Go to Step 5.

NO –   Go to Step 7.

5

Part 5 sounds like a motorcycle gradually gaining speed, remaining at that speed (pitch) for a second, and then fading away. After this part of the Sound Test is complete, a fifth speaker with a flashing "9" underneath it appears on the screen.

Press

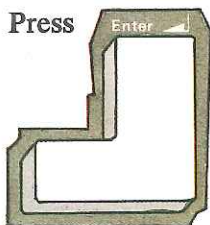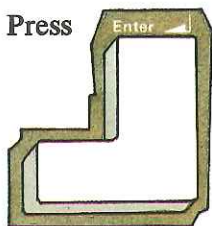Did you hear Part 5 of the Sound Test?

YES –   Go to Step 6.

NO –   Go to Step 7.

6   Part 6 is a burst of sound that sounds like a television turned to a blank channel. After this part of the Sound Test is complete, the First IBM PC*jr* Test Menu Screen appears.

Press

Did you hear Part 6 of the Sound Test?

YES –   Go to Step 12.

NO –   Go to Step 7.

7   If you are using a television go to Step 8.

If you are using an IBM PC*jr* Color Display, check it using the "IBM PC*jr* Color Display Check Out Procedure." This is found in the "IBM PC*jr* Color Display Installation and Operating Instructions" in Section 5, "The IBM PC*jr* Options." If you find that your IBM PC*jr* Color Display is working correctly, have your IBM PC*jr* serviced. See "Service Information" in this section.

If you are using a display without an external sound system connected to the rear of your IBM PC*jr*, go to Step 10.

8   Is the volume control adjusted to a
          mid-volume range?

          YES -   Go to Step 9.

          NO -   Adjust the volume and
                     return to "Running the
                     IBM PC*jr* Tests " in this
                     section and select this test
                     again.

9   Disconnect your television from your
          IBM PC*jr* and check the sound on
          your television.

          Is the sound on your television
          working properly?

          YES -   Have your IBM PC*jr* and
                     IBM Connector for
                     Television serviced. See
                     "Service Information" in
                     this section.

          NO -   You can use your IBM PC*jr*
                     without sound. If you want
                     to hear Parts 2 through 6 of
                     the Sound Test you will
                     have to connect your IBM
                     PC*jr* to a working
                     television. Go to Step 13.

Testing

10   If you are using a display without an external sound system, Parts 2 through 6 of the Sound Test will not be heard. If you want to hear parts 2 through 6 of the Sound Test, you will have to connect an external sound system to the rear of your IBM PC*jr*.You can use your IBM PC*jr* with a display without an external sound system connected. Go to Step 13.

11   Connect your external sound system to another sound output device to determine if it is working properly.

Is your external sound system working properly?

YES –   Have your IBM PC*jr* serviced. See "Service Information" in this section.

NO –   Connect a working external sound system to your IBM PC*jr* and return to "Running the IBM PC*jr* Tests" in this section, and select this test again.

12   A message appears underneath Test
Tag "9" for Sound. The meaning of
the message is shown below:

*   You have completed the Sound
      Test. Go to Step 13.

?   You have interrupted the Sound
      Test before it was completed by
      pressing Fn and then pressing
      Break. If you wish to complete
      the Sound Test, return to
      "Running the IBM PC*jr* Tests"
      in this section, and select this
      test again.

13   Do you want to run another test?

YES –   Go to the "Running the
            IBM PC*jr* Tests" in this
            section.

NO –   If you have a diskette drive
            installed, you may run the
            "Exploring the IBM PC*jr*"
            diskette at this time. If you
            have run the "Exploring the
            IBM PC*jr*" diskette before,
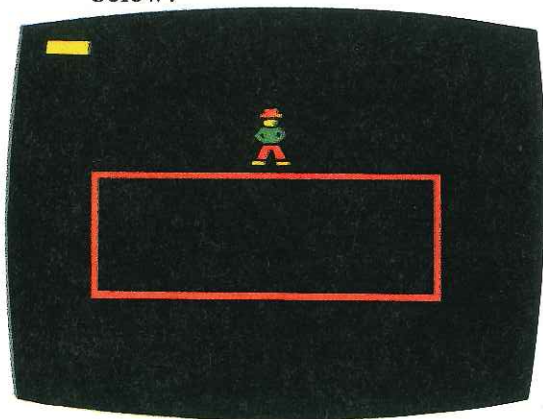   you may continue normal
            operations.

Testing

Notes:

Test Tag J - IBM PC*jr* Keyboard Test

If, while running the IBM PC*jr* Keyboard Test, you wish to discontinue the test and return to the First IBM PC*jr* Test Menu Screen, press Fn, then press Break. Press Fn, then press Break again.

Remember, because television and display colors vary, the colors in this book may not match the colors on the screen.

1   Does the screen match the example below?

YES -   Go to Step 2.

NO -   Have your IBM PC*jr* serviced. See "Service Information" in this section.

2   Press the keys you wish to test. As
             you do, the character for each key
             you pressed appears at the top of the
             screen.

             Are all the characters for the last
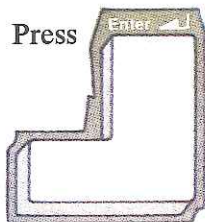   keys you pressed displayed at the top
             of the screen?

             YES –   Go to Step 3.

             NO –   Have your IBM PC*jr*
                          serviced. See "Service
                          Information" in this
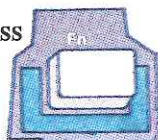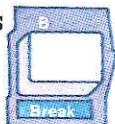   section.

3   Press

Press and hold the J key. The "J" appears at the top of the screen and continues to repeat while you press it.

Did the "J" continue to repeat while you pressed the J key?

YES –   Press

Then press

Note: You may need to press the Fn and Break keys a second time.

Go to Step 4.

NO –   Have your IBM PC*jr* serviced. See "Service Information" in this section.

4   The First IBM PC*jr* Test Menu
Screen appears with a message under
Test Tag "J". The meaning of this
message is shown below:

*   Your IBM PC*jr* and keyboard
      are working properly. (If you
      have done this test without the
      optional IBM PC*jr* Keyboard
      Cord and you have the optional
      IBM PC*jr* Keyboard Cord, go to
      step 5.)

B   If you are using a cord with your
      IBM PC*jr* keyboard, have your
      IBM PC*jr* serviced. Refer to
      "Service Information" in this
      section.

      If you are not using a cord with
      your IBM PC*jr* keyboard, this
      error can be caused by one of
      the following:

      • Direct Sunlight
      • Bright florescent light
      • Keyboard not lined up with
        the IBM PC*jr*
      • Keyboard batteries are low
        or bad

      If one or more of these
      conditions exist, correct the
      condition and return to
      "Running the IBM PC*jr* Tests"
      in this Section and select this
      test again. If none of these

conditions exist, have your IBM
PC*jr* serviced. See "Service
Information" in this section.

5   The following steps are for the
optional IBM PC*jr* Keyboard Cord
only. If you do not want to run the
Keyboard Test with a keyboard cord,
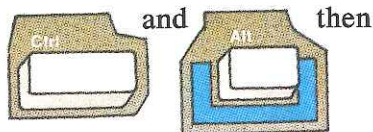go to Step 10.

Turn your IBM PC*jr* power off. Go
to Step 6.

6   Connect the end of your IBM PC*jr*
Keyboard Cord marked "K" to the
connector marked "K" on the rear of
your IBM PC*jr*. Connect the other
end of your IBM PC*jr* Keyboard
Cord to your IBM PC*jr* Keyboard.

7   Turn your IBM PC*jr* power on.

8   When the IBM Personal Computer
           BASIC Message Screen appears,
           press and hold

           and   then

           Press

9   The First IBM PC*jr* Test Menu
           Screen appears. Select Test Tag J
           and press Enter. Return to IBM PC*jr*
           Keyboard Step 1.

10   Do you want to run another IBM
          PC*jr* test?

   YES –   Go to "Running the IBM
            PC*jr* Tests" in this section.

   NO –   If you have a diskette drive
            installed, you may run the
            "Exploring the IBM PC*jr*"
            diskette at this time. If you
            have run the "Exploring the
            IBM PC*jr*" diskette before,
            you may continue normal
            operations.

Notes: