



# Panasonic

## IC Recorder Operating Instructions

Model No. RR-QR160

### Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully. Before connecting, operating or adjusting this product, please read these instructions completely. Please keep this manual for future reference.

P PC En

Panasonic Consumer Electronics Company,  
Division of Matsushita Electric Corporation of America  
One Panasonic Way Secaucus, New Jersey 07094  
<http://www.panasonic.com>

Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc. ("PSC")  
Ave. 65 de Infanteria, Km. 9.5 San Gabriel Industrial Park, Carolina, Puerto Rico 00985

Panasonic Canada Inc.  
5770 Ambler Drive, Mississauga, Ontario L4W 2T3  
[www.panasonic.ca](http://www.panasonic.ca)  
© 2003 Matsushita Electric Industrial Co., Ltd.  
Printed in Japan

RQT7162-P  
F1203TJ1014

This product may receive radio interference caused by mobile telephones or other products during operation. If such interference is apparent, please increase separation between the product and the mobile telephone or other product.

### THE FOLLOWING APPLIES ONLY IN THE U.S.A.

#### CAUTION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

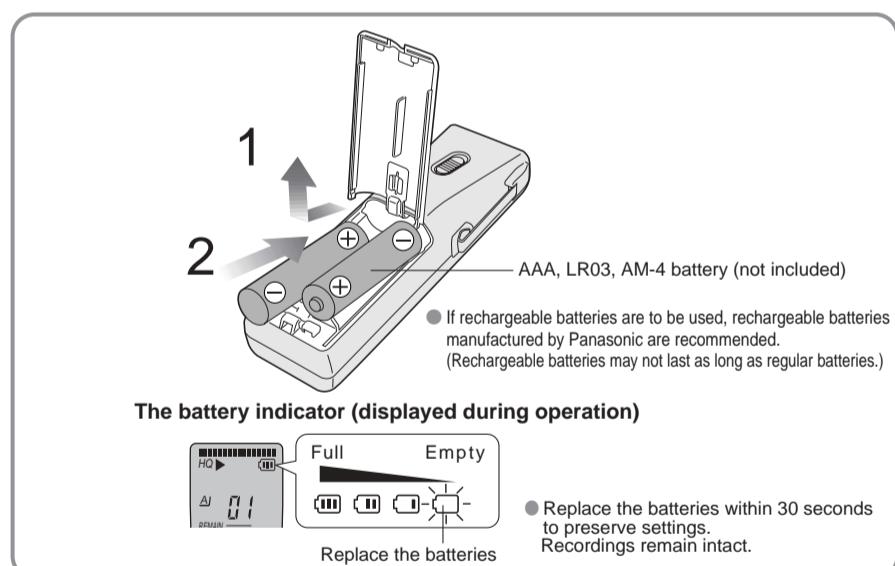
Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

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.

This statement is applied to only Canada

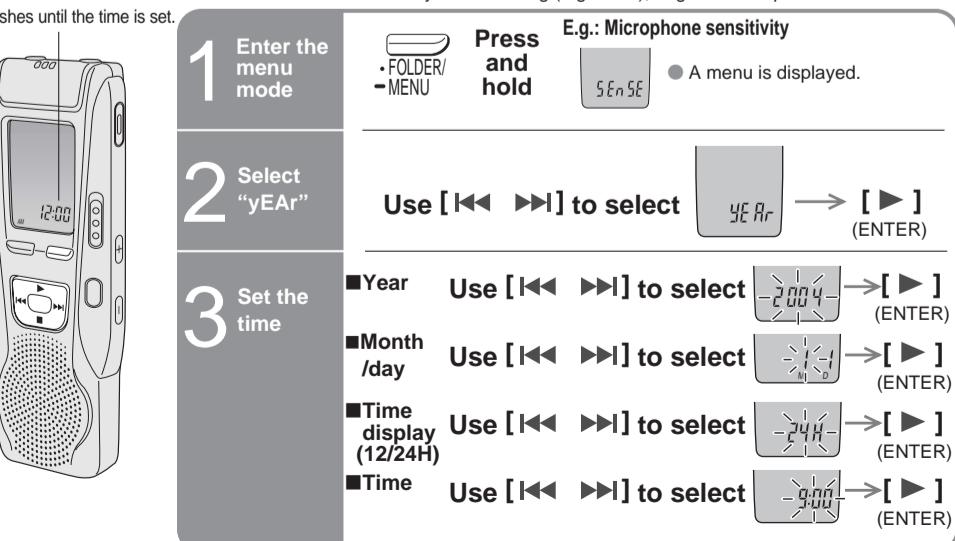
This Class B digital apparatus complies with Canadian ICES-003.

## Preparation 1 Inserting batteries



## Preparation 2 Setting the time

When the year is flashing (e.g. 2004), begin from step 3.



The clock has a monthly accuracy of +/- 60 seconds at room temperature.  
When replacing the batteries, the clock stops and restarts when you reinsert them and close the battery cover.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

# Using the timer

## Timer recording

Preparation: Select the folder and recording mode (page 2, 3)

1 Enter the menu mode 2 Select "●, REC" 3 Set the time

• FOLDER/ MENU  
Press and hold

● REC

2 Use [◀▶] to select the start time 3 Use [◀▶] to select the end time

00:00 → [▶] (ENTER) → [▶] (ENTER)

## Timer play

Preparation: Select the file (page 2, 3)

1 Enter the menu mode 2 Select "●, PLAY" 3 Set the time

• FOLDER/ MENU  
Press and hold

● PLAY

2 Use [◀▶] to select the start time

00:00 → [▶] (ENTER)

■ To cancel the timer → select "OFF" in step 3-①.

■ To confirm the set time → From the menu (page 4), select "●, REC" or "●, PLAY" and press [▶].

! Even when "●" or "●" are displayed during timer play, the repeat play or continuous play cannot be used.

# Various functions

## Canceling the operation beep

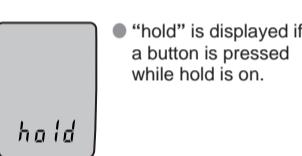
1 Enter the menu mode 2 Select "bEEP" 3 Select "OFF"

• FOLDER/ MENU  
Press and hold

→ [◀▶] → [▶] → [◀▶] → [▶] (ENTER)

■ To turn operation beep on → select "On" in step 3.

In order to prevent accidental operations while recording or while stopped, button operations are ignored.

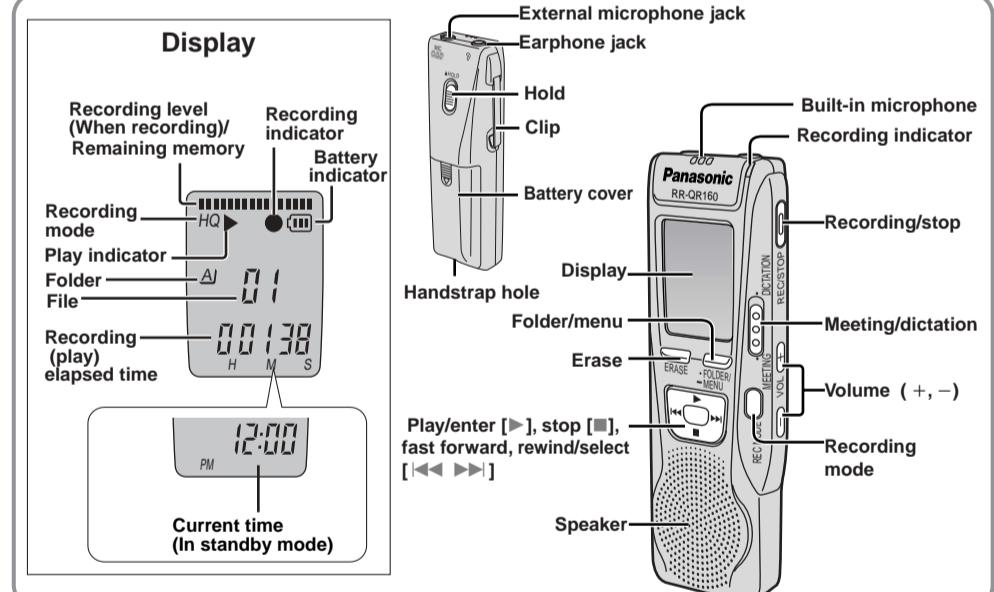


■ To release → move down

● While stopped, switch to hold to save the batteries.

## Preventing accidental button presses (HOLD)

# Part names



## Troubleshooting Guide

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, see "Product information" on page 8 for assistance.

Symptom	Checkpoints
No operation.	<ul style="list-style-type: none"> <li>The hold function is on. (page 5)</li> <li>Make sure the battery cover is closed.</li> <li>Make sure the batteries are correctly inserted.</li> <li>Make sure the battery cover is attached to the rubber strap.</li> </ul>
"U01" appears on the display.	<ul style="list-style-type: none"> <li>The battery has run down.</li> </ul>
"2004" flashes.	<ul style="list-style-type: none"> <li>Set the time. (page 1)</li> </ul>
There is no sound from the earphone or it is difficult to hear or noisy.	<ul style="list-style-type: none"> <li>Ensure the plug is inserted firmly.</li> <li>Wipe the plug clean.</li> </ul>
Recording stops.	<ul style="list-style-type: none"> <li>VAS (page 4) may have functioned.</li> </ul>
"---" appears instead of the recording date.	<ul style="list-style-type: none"> <li>Set the time. (page 1)</li> </ul>
Playback speed is too fast or slow.	<ul style="list-style-type: none"> <li>Set play speed to normal. (page 4)</li> </ul>
"FULL" appears.	<ul style="list-style-type: none"> <li>There are 99 files in the folder.</li> <li>There is no remaining recording time.</li> <li>Erase unneeded files. (page 2, 3)</li> </ul>
No sound from the speaker.	<ul style="list-style-type: none"> <li>There is no sound when you have connected an earphone.</li> </ul>
Cannot erase a file or folder.	<ul style="list-style-type: none"> <li>The file is locked. (page 2, 3)</li> <li>The folder is already empty.</li> </ul>
Cannot move a file.	<ul style="list-style-type: none"> <li>You cannot move files to folders that already contain 99 files.</li> <li>You cannot move files from A-D folder to the dictation folder. (page 3)</li> </ul>
A recording disappeared.	<ul style="list-style-type: none"> <li>Recordings can disappear if the unit receives a shock (e.g. if it is dropped), or if the batteries and cover come loose during recording.</li> </ul>
Available recording time does not increase correspondingly after erasing files.	<ul style="list-style-type: none"> <li>This can occur after repeatedly recording and erasing files. Unlock all your files, then erase all folders to remedy this.</li> </ul>
Cannot set timer recording/playback.	<ul style="list-style-type: none"> <li>You can set the timers within 24 hours of the current time.</li> <li>Set the time. (page 1)</li> </ul>
Timer recording/playback does not work.	<ul style="list-style-type: none"> <li>The settings are canceled if the batteries are removed and the clock settings clear.</li> </ul>
Cannot set timer recording/playback at the same time.	<ul style="list-style-type: none"> <li>When you set both, only the one you set last works.</li> </ul>
Timer recording does not work.	<ul style="list-style-type: none"> <li>You cannot set the timer if there is less than one minute of available recording time.</li> </ul>
Cannot use a battery that can be used on other equipment.	<ul style="list-style-type: none"> <li>This unit determines the battery empty even if there is actually life left in it. This is to preserve the clock and other memory items.</li> </ul>
Cannot select a folder.	<ul style="list-style-type: none"> <li>Press [•FOLDER/- MENU] briefly. You will enter the menu mode if you hold the button down for 2 or more seconds.</li> </ul>
Sound is distorted.	<ul style="list-style-type: none"> <li>When sound other than voice is recorded, this may occur during playback.</li> </ul>

## Maintenance

To clean this unit, wipe with a soft, dry cloth.

• Never use alcohol, paint thinner or benzine to clean this unit.

• Before using chemically treated cloth, read the instructions that came with the cloth carefully.

## Specifications

Power output:	300 mW (max.)
Frequency response:	240 Hz - 5,100 Hz (HQ mode) 230 Hz - 3,400 Hz (FQ/SP mode)
S/N:	36 dB (HQ mode)
Jack:	
Output jack:	Earphone, 3.5 mm (1/8 in.); 0.5 mW 16 Ω
Input jack:	Earphone, 3.5 mm (1/8 in.); 0.56 mV in power
Speaker:	Mic, 3.5 mm (1/8 in.); 0.56 mV in power 28 mm (1 3/8 in.) 8 Ω
Power requirement:	DC 3 V 2 AAA size (LR03, AM-4) batteries
Dimensions (W×H×D):	
Max dimensions:	35.0 × 99.6 × 24.0 mm (1 3/8 × 3 29/32 × 1 1/16 in.)
Cabinet dimensions:	32.8 × 99.3 × 22.5 mm (1 9/32 × 3 29/32 × 7/8 in.)
Mass:	
with batteries;	About 61 g (2.2 oz.)
without batteries;	About 38 g (1.4 oz.)
Operational temperature range:	0°C - 40°C (32°F - 104°F)

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

## Note:

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on the operating conditions.

• Specifications are subject to change without notice.

• Mass and dimensions are approximate.

• The battery life may be less depending on