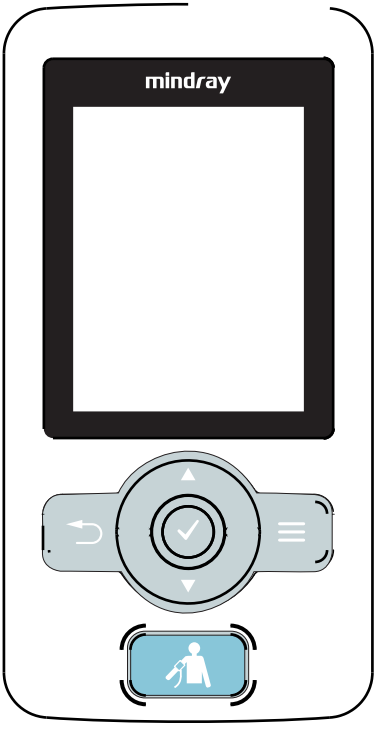
Quick Reference Guide



mindray

Note: The BP10 NIBP Module Quick Reference Guide is not intended as a replacement to the Operating Instructions. Prior to operating equipment, the user must be familiar with the Operating Instructions Manual contents. This document is a guideline only to be used as an aid to comprehensive Inservice Training.

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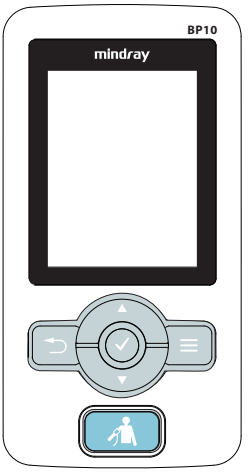
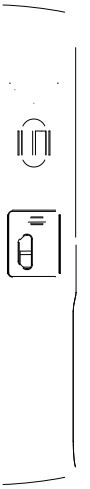
BP10 NIBP Module Quick Reference Guide





5. Down key

Press this key to move down along the column of menu options or configuration choices.

6. Return key

- Press this key to return to the previous menu and save the settings.
- Press this key to switch between two main screens.

7. Up key

Press this key to move up along the column of menu options or configuration choices.

8. Power On/Off key

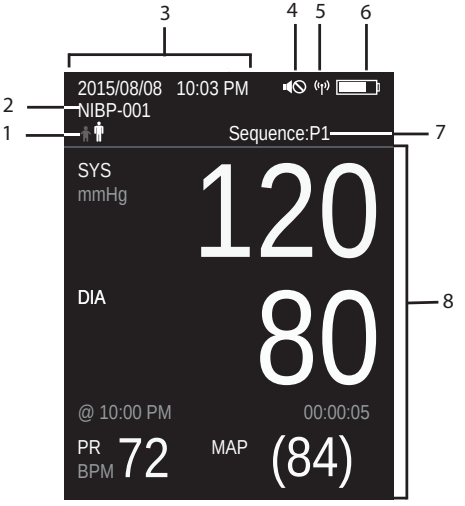
- When BP10 is powered off, press this key to turn BP10 on.
- When BP10 is powered on, press and hold this key to display the power off confirmation menu.
- If the screen display is on, press this key to turn the display off.

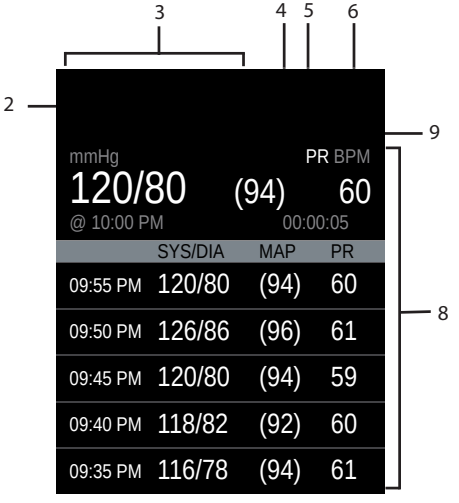
9. MPAN (Mindray Patient Area Network) key

- When BP10 is disconnected from the MPAN, press this key to begin the bluetooth pairing process.
- When BP10 is connected with the MPAN, press this key to unpair any connected bluetooth devices.

10. NIBP cuff connector

Connect the NIBP hose.


3
4
5
6
2
1
7
8
2015/08/08 10:03 PM
NIBP-001
Sequence:P1
SYS
mmHg
120
DIA
80
@ 10:00 PM
00:00:05
PR
BPM
72
MAP
(84)


3
4
5
6
2
9
8
mmHg
PR BPM
120/80
(94)
60
@ 10:00 PM
00:00:05
SYS/DIA
MAP
PR
09:55 PM 120/80 (94) 60
09:50 PM 126/86 (96) 61
09:45 PM 120/80 (94) 59
09:40 PM 118/82 (92) 60
09:35 PM 116/78 (94) 61

1. Patient category

The current patient category setting is shown in white.

2. Device name

3. Date and time

This area displays the date and time.

4. Audio off symbol

The audio off symbol displays when the technical audio is turned off.

5. MPAN (Mindray Patient Area Network) symbol

The MPAN symbol displays when the MPAN is turned on.

6. Battery symbol

This symbol indicates the battery charge status.

7. Operation mode

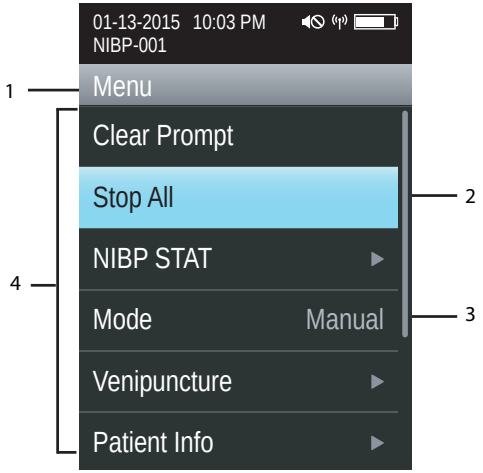
8. NIBP measurement area

This area shows the current values or measurement list.

- When the NIBP is measuring, this area shows the real-time measurement values.
- When more than 30 seconds elapses after an NIBP measurement ends, this area automatically displays the measurement list.

9. Message area

The message area shares the same position as patient category and operation mode.

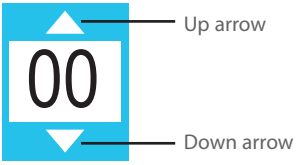


1. Heading: displays the current menu title.
2. Highlighted bar: indicates the current cursor position.
3. Scroll bar: shows the current position in a menu.
4. Main body: contains menu options and other controls to configure and operate the device.

- ▶ accesses a submenu to reveal more options or information.
- 🔒 indicates that a password is required.

1. Use the and keys to move the highlighted bar to an appropriate position.
2. Press the key to select the option where the highlighted bar locates.

If an option can be configured, the choice place will have up and down arrows, as indicated in the following figure.



1. Use the and keys to scroll the choices.
2. Press the key to select the appropriate choice when it displays.
3. Press the key to save the setting.
4. Press the key to exit the menu.

Adjust Patient Category

The Patient Info menu allows the clinician to adjust the patient category.

Note: Ensure the patient category selection is appropriate for the patient before taking a measurement.

To adjust the patient category:

1. Press the key to enter the main menu
2. Select **Patient Info**
3. Select **Patient Category** to select the patient category
4. Select to confirm that the patient category
5. Press the

Discharge

Discharging the patient will stop monitoring, clear patient information, and restore patient category and default (preset) settings at the BP10.

A patient can be discharged by selecting the **Discharge Patient** in the main menu.

Enter Standby

Placing a device into Standby:

- Stops all NIBP measurements.
- Clears all current technical messages.
- Displays Standby and remaining battery charge icon on the screen.

To enter the Standby mode:

1. Press the key to enter the main menu
2. Select **Standby**
3. Select

Measurement Mode

Configure the measurement mode by entering **L** in the main menu.

L	
Manual	Take one measurement by a manual initiation.
Automatic	The measurements are automatically taken on the configured interval.
Sequence	The measurements are automatically taken in the user-defined sequence, which allow you to set different measurements in consecutive five phases.
Continuous	The measurements are taken one after another in a five-minute period.

Start and Stop Measurements

L		
Manual	To start or stop a measurement.	Press the key.
Continuous	To start the series measurement.	Select in the main menu.
	To cancel the series measurement.	Press the key or select in the main menu.

The BP10 can be paired with a TD60/TM80. After pairing, TD60/TM80 can display the NIBP related data and messages, and enable various BP10 functions.

Refer to ***BeneVision TM80 Telemetry Monitor Quick Reference Guide (P/N: 046-011071-00) or BeneVision TD60 Display Telepack Quick Reference Guide (046-007060-00)*** for details on the paring process.

The clinician is able to switch on/off the technical message and keypad audio on the BP10.

To switch on/off the audio:

1. Press ≡ to enter the main menu
2. Select **Audio Volume**
3. Select **On** or **Off** respectively for the **Prompt Volume** or **Keypad Volume** option.
4. Press the key to save the setting and exit the menu

The BP10 provides the ability to adjust the parameter's numeric color.

To adjust the parameter's color at the BP10:

1. Press ≡ to enter the main menu
2. Select **System**
3. Select **NIBP Color**

Clean the BP10

Clean your equipment on a regular basis. Before cleaning the equipment, consult your hospital's regulations for cleaning the equipment.

Warning: Never allow the cleaning solutions to spill or enter the connector and battery compartment.

The following table lists approved cleaning and disinfecting agents.

Sodium hypochlorite bleach*	Liquid	Sodium hypochlorite bleach 10%
Hydrogen peroxide*		Hydrogen peroxide 3%
Isopropanol*		Isopropanol 70%
1-Propanol*		1-Propanol 50%
CIDEX OPA Solution		Ortho-Phthalaldehyde 0.55%
Metrex CaviCide1™		Diisobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride 0.28%, Isopropanol 17.2%
Virex® II 256		Didecyl dimethyl ammonium chloride 8.704%, n-Alkydimethyl benzyl ammonium chloride 8.190%
Virex®TB		n-Alkyl dimethyl benzyl ammonium chlorides 0.105%, n-Alkyl dimethyl ethylbenzyl ammonium chlorides 0.105%
Rely+On™ Virkon®Powder *(Used as 1% solution)	Powder	Used as 1% solution Biocidal active: Pentapotassium bis (peroxymonosulphate) bis (sulphate)(500g/kg), Contains dipotassium peroxodisulphate.

Alpet® D2 Surface Sanitizing Wipes	Wipes	Isopropyl Alcohol 58.6000%® Octyl Decyl Dimethyl Ammonium chloride 0.0075%, Dioctyl Dimethyl Ammonium Chloride 0.0030%
Clorox Dispatch® Hospital Cleaner Disinfectant Towels with Bleach		Sodium Hypochlorite 0.65%
Clorox Healthcare®Bleach Germicidal Wipes		Sodium Hypochlorite 0.55%
Clorox Healthcare® Hydrogen Peroxide Cleaner Disinfectant Wipes		Hydrogen Peroxide 1.4%
Diversey Oxivir®TB Wipes		Hydrogen Peroxide 0.5%
Metrex CaviWipes™		Diisobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride 0.28%, Isopropanol 17.2%
PDI Sani-Cloth® AF3 Germicidal Disposable Wipe		n-Alkyl dimethyl ethylbenzyl ammonium chlorides 0.14%, n-Alkyl dimethyl benzyl ammonium chlorides 0.14%
PDI Sani-Cloth®Bleach Germicidal Disposable Wipe		Sodium Hypochlorite 0.63%,other ingredients 99.37%
PDI Sani-Cloth® HB Germicidal Disposable Wipe		n-Alkyl dimethyl ethylbenzyl ammonium chlorides 0.07%, n-Alkyl dimethyl benzyl ammonium chlorides 0.07%

PDI Sani-Cloth® Plus Germicidal Disposable Cloth	Wipes	n-Alkyl dimethyl ethylbenzyl ammonium chlorides 0.125%, n-Alky dimethyl benzyl ammonium chlorides 0.125%
PDI Super Sani-Cloth®Germicidal Disposable Wipe*		n-Alkyl dimethyl ethylbenzyl ammonium chlorides 0.25%, n-Alkyl dimethyl benzyl ammonium chlorides 0.25%, Isopropyl Alcohol 55.0%,
VIRAGUARD Hospital Surface Disinfectants		Isopropanol 70%,Other ingredients 30%

Note: For equipment with the symbol , all the listed cleaning and disinfecting agents are available for use. For equipment without the symbol , only the cleaning and disinfecting agents marked with "*" are available for use.

To clean the equipment:

1. Shut down the device.
2. Clean the display screen with wipes or a soft cloth moistened with one of the cleaning agents listed in the table above.
3. Clean the exterior surface of the BP10 main unit and lithium-ion battery pack with wipes or a soft cloth moistened with one of the cleaning agents listed in the table above.
4. Wipe off all the residue with a dry cloth.
5. Dry your equipment in a ventilated, cool place.

Disinfect the BP10

Disinfect your equipment as required in your hospital's servicing schedule. Cleaning the equipment before disinfecting is recommended.

To clean and disinfect the reusable NIBP cuff, refer to the instructions for use delivered with the accessory.

Sterilization is not recommended for this equipment, related products, accessories or supplies unless otherwise indicated in the Operating Instructions that accompany the product, accessories or supplies.

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