

MINDRAY 0683-00-0505-02

Mindray Recording Chart Paper User Manual

Model: 0683-00-0505-02

1. INTRODUCTION

This manual provides essential information for the proper use, handling, and storage of Mindray Recording Chart Paper, Model 0683-00-0505-02. This thermal paper is designed for use with specific Mindray medical monitoring devices to accurately record patient data.

Please read this manual thoroughly before using the product to ensure optimal performance and data integrity.

2. PRODUCT DESCRIPTION

The Mindray Recording Chart Paper (Model: 0683-00-0505-02) is a high-quality thermal paper specifically manufactured for Mindray medical recording equipment. Each box contains 12 rolls of paper, ensuring a sufficient supply for continuous operation.

- **Type:** Thermal Recording Chart Paper
- **Dimensions:** 50 mm (width) X 20 Meter (length) per roll
- **Quantity:** Box of 12 rolls
- **Color:** White
- **Paper Finish:** Coated



Figure 1: Mindray Recording Chart Paper Roll. This image displays a single roll of the thermal chart paper, highlighting its compact form and the quality of the paper surface.

3. COMPATIBILITY

This recording chart paper is designed for seamless integration and optimal performance with the following Mindray medical monitors:

- Accutorr V
- DPM3
- DPM4
- DPM5
- DPM6
- DPM7
- Passport V
- Trio
- Passport 12m
- Passport 17m

Using this paper with non-listed devices may result in suboptimal performance or damage to the recording

mechanism.

4. SETUP AND INSTALLATION

Proper installation of the chart paper is crucial for accurate recording. Refer to your specific Mindray monitor's user manual for detailed instructions on accessing the paper compartment and loading the paper roll. General steps include:

1. **Power Off:** Ensure the medical monitor is powered off before attempting to load or replace paper.
2. **Open Compartment:** Locate and open the chart paper compartment on your Mindray monitor. This is typically a hinged cover or a pull-out tray.
3. **Remove Old Roll (if applicable):** If replacing an empty roll, carefully remove the core of the used paper roll.
4. **Insert New Roll:** Place the new Mindray chart paper roll into the compartment. Ensure the paper feeds from the *bottom* of the roll and the thermal sensitive side (usually the smoother, slightly shinier side) is facing the print head.
5. **Feed Paper:** Pull a small length of paper (approximately 1-2 inches) out of the compartment.
6. **Close Compartment:** Close the paper compartment securely. Ensure the paper feeds smoothly through the designated slot.
7. **Test Print:** Power on the monitor and perform a test print function (if available) to verify correct paper loading and print quality.

Note: Incorrect paper orientation can lead to blank prints or damage to the thermal print head.

5. OPERATING PRINCIPLES

Mindray Recording Chart Paper is thermal paper, meaning it reacts to heat from the monitor's print head to create images and text. No ink or ribbon is required. When the print head applies heat to specific points on the paper, a chemical reaction occurs, turning those areas black and forming the desired printout (e.g., ECG waveforms, vital signs, tabular data).

The paper is designed to provide clear, durable records for medical documentation. Ensure the paper is free from creases or damage before loading to prevent printing errors.

6. MAINTENANCE AND STORAGE

To maintain the quality and longevity of the recording chart paper, adhere to the following guidelines:

- **Storage Conditions:** Store paper rolls in a cool, dry place, away from direct sunlight, high humidity, and extreme temperatures. Ideal storage temperature is between 10°C and 25°C (50°F and 77°F) with relative humidity between 40% and 60%.
- **Avoid Chemicals:** Keep the paper away from chemicals, solvents, and adhesive tapes, as these can degrade the thermal coating and affect print quality or paper integrity.
- **Handle with Care:** Avoid touching the thermal surface of the paper unnecessarily, as oils from skin can affect print quality over time. Handle rolls by their edges or core.
- **Original Packaging:** Keep unused rolls in their original packaging until ready for use to protect them from environmental factors.

Proper storage ensures the paper remains sensitive to thermal printing and that recorded data remains legible for its intended lifespan.

7. TROUBLESHOOTING

While Mindray chart paper is designed for reliability, issues can occasionally arise. Here are common problems and their potential solutions:

Problem	Possible Cause	Solution
Blank or Faint Print	Paper loaded incorrectly (non-thermal side facing print head); expired or degraded paper; print head issue.	Re-load paper with the thermal side facing the print head. Check paper expiry. Consult monitor's manual for print head cleaning/maintenance.
Paper Jams	Improper loading; paper creased or damaged; foreign object in paper path.	Ensure paper is loaded straight and smoothly. Remove any damaged sections. Inspect paper path for obstructions.
Inconsistent Print Quality	Dust or debris on print head; paper quality variation; environmental factors.	Clean print head according to monitor's manual. Ensure proper storage conditions for paper.

If issues persist after attempting these solutions, refer to your Mindray monitor's specific troubleshooting guide or contact Mindray customer support.

8. SPECIFICATIONS

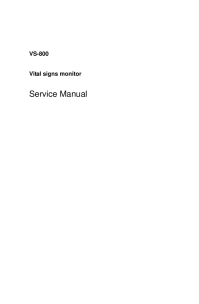
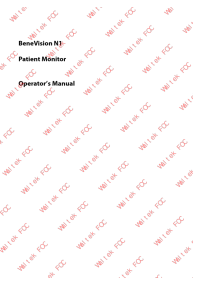

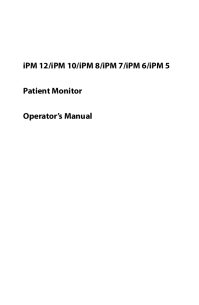
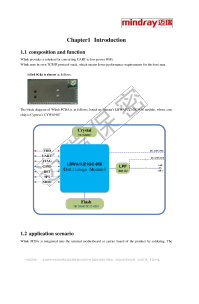
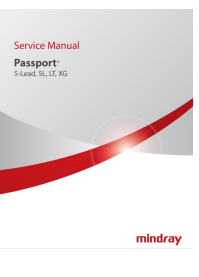
Attribute	Detail
Brand	MINDRAY
Model Number	0683-00-0505-02
Manufacturer	Mindray USA
Product Dimensions	19.69 x 1.97 x 0.04 inches (approximate for packaging)
Item Weight	1.6 pounds (for the box of 12)
Color	White
Material Type	Paper
Paper Weight	20
Paper Finish	Coated
Sheet Count	12 (rolls per box)

9. WARRANTY AND SUPPORT

For specific warranty information regarding Mindray Recording Chart Paper, please refer to the terms and conditions provided by Mindray USA or your authorized distributor at the time of purchase. As a consumable item, warranty coverage typically applies to manufacturing defects.

For technical support, product inquiries, or assistance with compatible Mindray monitors, please contact Mindray USA directly or visit their official website. Contact information can usually be found on the product packaging or on the Mindray corporate website.

Related Documents - 0683-00-0505-02

	<p>Mindray VS-800 Vital Signs Monitor Service Manual</p> <p>This service manual provides comprehensive technical details for the Mindray VS-800 Vital Signs Monitor, a medical device used in healthcare settings for monitoring patient vital signs. It covers operational principles, specifications, disassembly, troubleshooting, and maintenance procedures.</p>
	<p>Mindray BeneVision N1 Patient Monitor Operator's Manual</p> <p>Comprehensive operator's manual for the Mindray BeneVision N1 patient monitor, detailing safe operation, setup, features, and maintenance for clinical professionals.</p>
	<p>Mindray Vetus M11: Premium Veterinary Compact Ultrasound System Advanced Imaging</p> <p>Discover the Mindray Vetus M11, a premium veterinary compact ultrasound system. Featuring the intelligent mQuadro+ platform and 3T technology, it offers advanced cardiac, abdominal, and MSK imaging solutions for animals, ensuring exceptional image quality and mobility.</p>
	<p>Mindray iPM Series Patient Monitor Operator's Manual - Guide to Operation and Safety</p> <p>Comprehensive operator's manual for Mindray iPM 12, iPM 10, iPM 8, iPM 7, iPM 6, and iPM 5 patient monitors. Covers setup, operation, safety, and maintenance for clinical professionals.</p>
	<p>Mindray Wlink ZLZ-WLINK Wireless Module Technical Datasheet</p> <p>Comprehensive technical datasheet for the Mindray Wlink ZLZ-WLINK wireless module, detailing its specifications, pin configurations, RF considerations, and compliance information for integration into various electronic devices.</p>
	<p>Datascope Passport 5-Lead, 5L, LT, XG Service Manual</p> <p>A detailed service manual for Mindray's Datascope Passport patient monitors (5-Lead, 5L, LT, XG), covering operation, maintenance, repair, specifications, and safety procedures for healthcare professionals.</p>

