

MR7 Frequently Asked Questions

<p>What are the differences between MR7 and MRV</p>	<p>MR7 supersedes the MRV controller for Planer 300- and 500-series controlled rate freezers.</p> <p>In addition to controlling the freezer, MR7 incorporates the DeltaTv7 software for creating freezer profiles and plotting run data.</p> <p>It was designed for paperless reporting and does not include the thermal printer incorporated into the MRV.</p>
<p>If there's no printer, how do we obtain run data?</p>	<p>MR7 can be networked via WiFi or Ethernet.</p> <p>Reports can be sent to a network location, network printer, email address, local printer or removable USB storage device.</p>
<p>Do I need to connect MR7 to a network or can it be used as a standalone device?</p>	<p>MR7 can be used as a stand-alone controller (sending reports to USB storage device or external printer).</p> <p>Like the MRV it can also be connected to a PC running Planer DeltaTv7 software.</p>
<p>What if I need a printout from a standalone MR7?</p>	<p>If a hard-copy is required, MR7 can be connected directly to a printer via USB or WiFi.</p> <p>We recommend the HP Officejet 200.</p>
<p>Can I run the MR7 from a separate PC or laptop with DeltaTv7?</p>	<p>Yes. As with the MRV, an additional delta T licence and connecting cable will be required. The cable for external control of MR7 is our proprietary RS422-USB cable (part ref: S-AC200048) – Details in IFU (MA200524) section 6.6.</p>
<p>How will I be able to view kryofiles saved to the network?</p>	<p>With DeltaTv7 software on a networked PC or laptop, the kryofiles can be obtained and viewed from a mirrored network location.</p> <p>To specify a Mirrored Kryofile location on customer network, see IFU (MA200524) section 6.8.</p>
<p>How can I add a Printer to the MR7?</p>	<p>To set up a local printer for a standalone MR7, see IFU (MA200524) section 2.3.12.</p> <p>Setting up a network printer, requires assistance from customer IT department (IFU MA200524 section 2.3.9 - 10).</p>
<p>Is the WiFi connection secure?</p>	<p>MR7 supports WEP, WPA2, and WPA3 personal connections which encrypt data between MR7 & WiFi access point.</p> <p>(Secure WiFi connection relies on the security settings of the WiFi infrastructure it will be connected to).</p>
<p>Network administrator needs MAC addresses – how do I get these for the WiFi and Ethernet ports?</p>	<p>With MR7 powered down connect keyboard (IFU MA200524 section 2.3.12, steps 1-4).</p> <p>After powering up, press Ctrl+Alt+F2 to open Linux console.</p> <p>Log into Linux with username root & password Password1!</p> <p>Once logged in, type the command ifconfig</p> <p>Data under heading "eth0" includes MAC address.</p> <p>Press Ctrl+Alt+F3 to return to DeltaT application.</p>

<p>How will I install Software updates?</p>	<p>Software updates are easily installed from a USB memory stick with “upgrade” directory containing latest MR7 application & EM201069 directory with latest Linux kernel. For details see service manual MA201018 section 9.9.3.</p>
<p>How will I install firmware updates?</p>	<p>FlashMagic is required to update firmware. For details see service manual MA201018 section 9.9.3</p>
<p>I currently use Batch mode for all my freezers can I to run my freezers – can I still do that with MR7?</p>	<p>Yes. MR7 is set to external PC Control – see IFU (MA200524) section 6.6. Each Freezer is connected to an individual MR7, and each MR7 connects to PC via programming cables.(AC200048) and a USB hub (e.g. Planer CP103433). Since the programming cables are 1.8 m, it may be necessary to obtain RS232 extension cables as required.</p>
<p>I have used DeltaTv7 before - will I still be able to export kryofiles in spreadsheet format ()?</p>	<p>Yes. For more detailed data analysis we recommend setting up a mirrored network location. (To specify a Mirrored Kryofile location on customer network, see IFU (MA200524) section 6.8)</p>
<p>Do I have to use the Officejet 200 printer?</p>	<p>MR7 includes HPLIP (HP Linux Imaging and Printing) drivers providing a reliable interface for HP printers under the CUPS (Common Unix Printing System) protocol. We recommend that if the customer does not wish to use an Officejet 200 printer, the alternative should also support HPLIPS. Please follow this link for a full list of compatible printers. For these compatible HP printers, the driver must be activated within HPLIP – for details of this, see procedure XI201019.</p>