MMI-QP to MMI-GP Migration Guide

The QuickPanel family of HMIs used with ORION MotionBASIC applications is obsolete. The MMI-GP family maintains compatibility with QuickDesigner and most versions of the QuickPanel MBX (MBX-QP) used by MotionBASIC. The panels are pin compatible and have the same mounting dimensions as the MMI-QPs. The table below indicates the ORMEC model number of the MMI-QP model and the corresponding MMI-GP model number.

Old ORMEC Model number	New ORMEC Model number	Size
MMI-QP3/6MU	MMI-GP-6-M-D	5.7"
MMI-QP4/6CU	MMI-GP-6-S-D	5.7"
MMI-QP3/9E	none	9"
MMI-QP3/9EU	none	9"
MMI-QP2/10MU	MMI-GP-10-T-D	10.4"
MMI-QP2/10ME	MMI-GP-10-T-D	10.4"
MMI-QP4/10C	MMI-GP-10-T-A	10.4"
MMI-QP3/10CU	MMI-GP-10-T-D	10.4"
MMI-QP4/10T	MMI-GP-10-T-A	10.4"
MMI-QP4/10TU	MMI-GP-10-T-D	10.4"
MMI-QP2/12T	MMI-GP-12-T-A	12.1"

MBX-QP Compatibility with MMI-GP models
- The QP.DNLD command and QP.TYPE@ function will not work correctly with some older versions of MBX-QP. In some cases, if the MBX cannot be upgraded, the direct download method is required to get the screens into the new MMI-GP.

MBX-QP for MotionBASIC 5.x
- QP.DNLD requires MBX-QP v3.0.0 or later (MBX-UPG 5.0.0 or later)
- reading QP.TYPE@ generates an internal error for all versions of MBX-QP prior to v3.0.5 (included with MBX-UPG v5.2.3 or later)

MBX-QP for MotionBASIC 4.x
- QP.DNLD requires MBX-QP v2.3.2 or later (MBX-UPG 4.2.0 or later)
- reading QP.TYPE@ generates an internal error for all versions of MBX-QP prior to v2.3.4 (included with MBX-UPG v4.3.3 or later)

MBX-QP for MotionBASIC 3.2
- QP.DNLD will not work with any version of the MBX for MB3.2, use direct download
- QP.TYPE@ will not work with any version of the MBX for MB3.2

The latest MBX upgrades can be accessed from ORMEC's web site at:
www.ormec.com/Products/Software/ORIONSoftware/ExtensionsMBX.aspx

Direct download compatibility
- The direct download capability requires QuickDesigner v3.7 with service pack (special) 4 installed. Contact ORMEC's Service Department at (585)385-3520 for instructions on how to obtain service pack 4. If you don't have QuickDesigner v3.7 you can obtain an upgrade package from ORMEC.