PROMATRIX

EN 54 devices supported by IRIS-Net

en   Software manual

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1   About this document

This document lists the PROMATRIX 6000 Voice Alarm System devices that IRIS-Net supports. It shows the relationship between IRIS-Net and the corresponding firmware versions that can be used for EN 54 compliant voice evacuation systems. IRIS-Net versions which are not listed cannot be used for:

– Voice Alarm purposes, including EN 54, or
– any other Voice Evacuation application.

We recommend that you use the most recent firmware and configuration software versions when setting up a new evacuation system. These versions include the latest bug fixes and optimizations. Previous firmware versions will only be updated if critical firmware issues have to be corrected.

The certified PROMATRIX 6000 system devices and their supported options are listed in the corresponding DoP.

1.1   Document history

Release date	Documentation version	Reason
2018.02	V1.0	1st edition.
2018.08	V1.1	New firmware version for PMX-4CR12.

2   EN 54 devices supported by IRIS-Net

This section lists:
- – IRIS-Net related firmware for PROMATRIX 6000 that is delivered with IRIS-Net V3.2.3, and
- – the changes compared to previous versions.

The certified devices and supported options are listed in the corresponding DoP:
- – DECL DoP EN54-16 EN54-4 PMX6000 V12

IRIS-Net supported devices/modules
- – PMX-4CR12 and PMX-4R24
- – PMX-2P500
- – PMX-15CST
- – PMX-15ECS
- – OM-1

Devices with firmware

Product	Firmware version	Comments
PMX-4CR12	V1.19.3	– Bug fix where spare amplifiers are not correctly routed in networked systems.
PMX-4R24	V1.5.0	
PMX-2P500	V1.1.0	
PMX-15CST / PMX-15ECS	V2.3.0	
OM-1	V1.15.118	

Configuration software note
IRIS-Net V3.2.3 is a patch update which requires IRIS-Net V3.2.0 to be installed up front.

3   History

3.1   IRIS-Net V3.2.1 and V3.2.2

This section lists:
–   all IRIS-Net related firmware for PROMATRIX 6000 that is delivered with IRIS-Net V3.2.1 and V3.2.2, and
–   the changes compared to previous versions.

The certified devices and supported options are listed in the corresponding DoP:
–   DECL DoP EN54-16 EN54-4 PMX6000 V11

IRIS-Net supported devices/modules
–   PMX-4CR12 and PMX-4R24
–   PMX-2P500
–   PMX-15CST
–   PMX-15ECS
–   OM-1

Configuration software note

Product	Firmware version	Comments
PMX-4CR12	V1.19.1	– Bug fix where a gain change in the configuration software could lead to a watchdog reset. – Bug fix where EOL (End Of Line) stays deactivated when an EOL module gets lost during a running EVAC signal.
PMX-4R24	V1.5.0	
PMX-2P500	V1.1.0	
PMX-15CST / PMX-15ECS	V2.3.0	
OM-1	V1.15.118	

Devices with firmware
V3.2.2 does not provide updates for PROMATRIX 6000. IRIS-Net V3.2.2 and V3.2.1 are identical for PROMATRIX 6000 .
IRIS-Net V3.2.1 and V3.2.2 are patch updates which require IRIS-Net V3.2.0 to be installed up front.

3.2 IRIS-Net V3.2.0

This section lists:
– all new IRIS-Net related firmware for PROMATRIX 6000 that is delivered with IRIS-Net V3.2.0, and
– the changes compared to previous versions.

The certified devices and supported options are listed in the corresponding DoP:
– EC DoP EN54-16 EN54-4 PMX6000 V10

New IRIS-Net supported devices/modules
– OM-1
– PMX-15ECS

Devices with firmware

Product	Firmware version	Comments
PMX-4CR12	V1.19.0	– TCP/IP Network support added for up to 4 controllers. – OM-1 module support for IP audio transport. – PROMATRIX can be networked by up to 4 controllers. – Improved password protection. – Smart safety link configurable from wizard.
PMX-4R24	V1.5.0	– Functions added with respect to network functionality.
PMX-15CST / PMX-15ECS	V2.3.0	– One touch LED test added. – Talk over Alarm added.
OM-1	V1.15.118	

Configuration software note
IRIS-Net V3.2.0 is a full package that can be downloaded from the DYNACORD website.

3.3   IRIS-Net V3.1.4

This section lists:
– all new IRIS-Net related firmware for PROMATRIX 6000 that is delivered with IRIS-Net V3.1.4, and
– the changes compared to previous versions.

The certified devices and supported options are listed in the corresponding DoP:
– EC DoP EN54-16 EN54-4 PMX6000 V9

New IRIS-Net supported devices/modules
– No additional devices added.

Devices with firmware

Product	Firmware version	Comments
PMX-4CR12	V1.17.4	– Non EN 54-16 features added. – Fixes a critical bug solved for FW versions 1.17.11, 1.17.2, and 1.17.3. – Bug fix that limited the number of EOL (End Of Line) to 254. – Busy condition block bug fixed. – Low bandwidth connection improved.
PMX-4R24	V1.4.4	– Bug fixing with respect to temperature control.
PMX-15CST	V2.2.7	– Supervision bug fixed.

Configuration software note
IRIS-Net V3.1.4 is a patch update which requires IRIS-Net V3.1.0.1 to be installed up front.

Additional comments:
IRIS-Net versions 3.1.0 to 3.1.3 are withdrawn and shall not be used anymore.

3.4   IRIS-Net V3.1.0.1

This section lists:
–   all new IRIS-Net related firmware for PROMATRIX 6000 that is delivered with IRIS-Net V3.1.0.1, and
–   the changes compared to previous versions.

The certified devices and supported options are listed in the corresponding DoP:
–   EC DoP EN54-16 EN54-4 PMX6000 V9

New IRIS-Net supported devices/modules
–   No additional option added.

Devices with firmware

Product	Firmware version	Comments
PMX-4CR12	V1.17.02	– Bug fixes and critical bug solved. – PROMATRIX 6000 wizard bug update. – Separate Stop signal for messages / alarms option added in wizard. – Voice Evacuation recording. – Busy Condition block added to Task Engine.
PMX-4R24	V1.4.0	– Bug fixing.
PMX-15CST	V2.2.0	– Audio monitoring added. – Languages added: French, Spanish, Italian, Portuguese, Polish, Finnish, Russian, Turkish, Czech, Korean and Chinese. – PTT talk priority change programmable for EVAC purposes.

Configuration software note
IRIS-Net V3.1.0.1 is a full package that can be downloaded from the DYNACORD website.

Additional comments:
IRIS-Net versions 3.1.0 to 3.1.3 are withdrawn and shall not be used anymore.

3.5   IRIS-Net V3.0.1

This section lists:
–   all new IRIS-Net related firmware for PROMATRIX 6000 that is delivered with IRIS-Net
     V3.0.1, and
–   the changes compared to previous versions.

The certified devices and supported options are listed in the corresponding DoP:
–   EC DoP EN54-16 EN54-4 PMX6000 V5
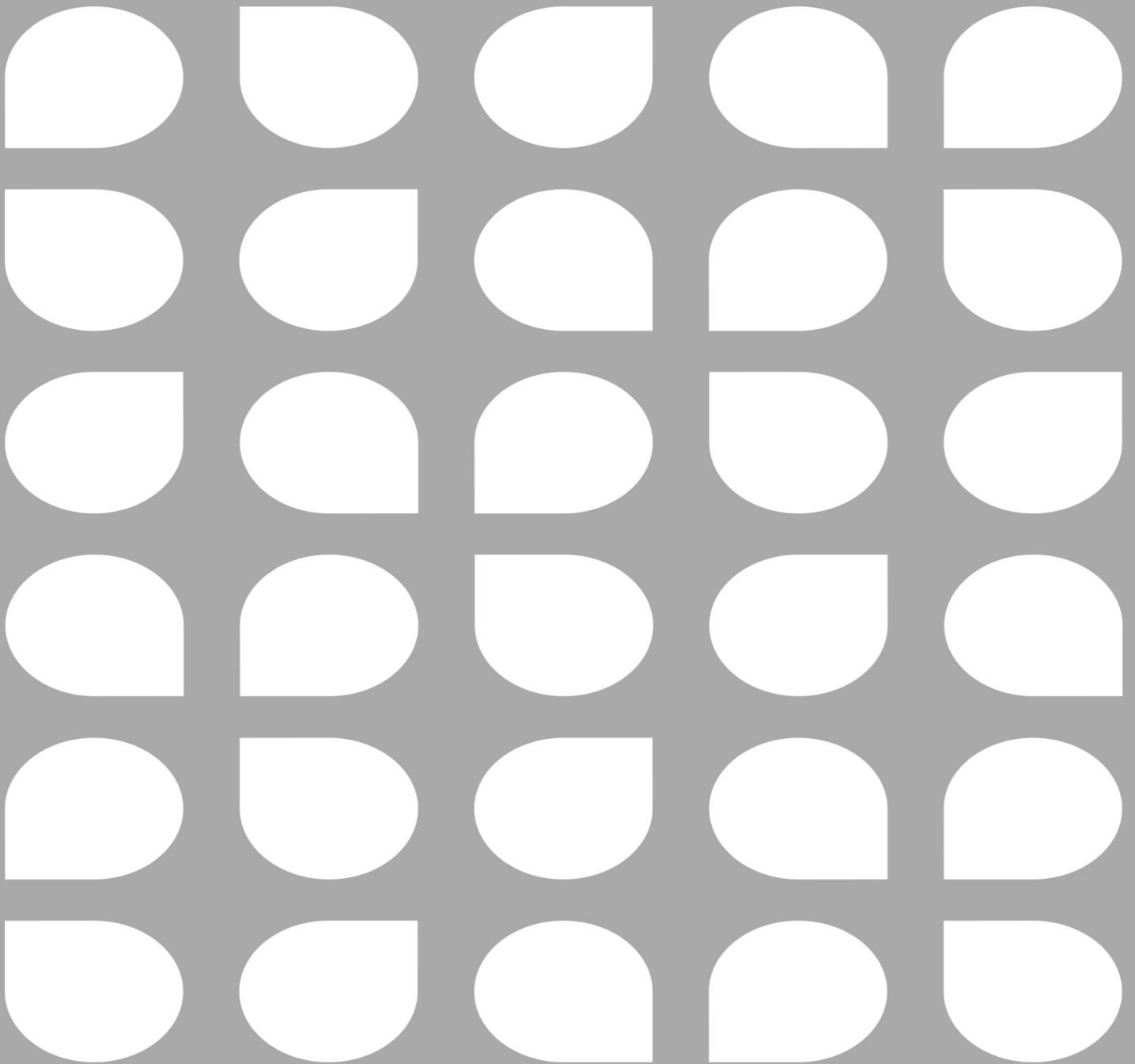
New IRIS-Net supported devices/modules
–   PMX-4CR12
–   PMX-4R24
–   PMX-2P500
–   PMX-15CST

Devices with firmware

Product	Firmware version	Comments
PMX-4CR12	V1.16.2	
PMX-4R24	V1.3.0	
PMX-2P500	V1.1.0	
PMX-15CST	V2.1.2	

Configuration software note
IRIS-Net V3.0.1 is a patch update which requires IRIS-Net V3.0.0 to be installed up front.