

# **PROMATRIX 6000**

IRIS-Net firmware for EN 54 and ISO 7240 devices



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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 and ISO 7240 compliant voice evacuation systems. IRIS-Net versions which are not listed cannot be used for:

- Voice alarm purposes, including EN 54 and ISO 7240
- Other voice evacuation applications.

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.

## 1.1 Document history

Release date	Documentation version	Reason
2018.02	V1.0	1 <sup>st</sup> edition
2018.08	V1.1	New firmware version for PMX-4CR12
2019.04	V1.2	ISO 7240 and new firmware versions

## 2 EN 54 and ISO 7240 devices supported by IRIS-Net

This section lists:

- IRIS-Net related firmware for PROMATRIX 6000 that is delivered with IRIS-Net V4.0.0, and
- the changes compared to previous versions.

The certified devices and supported firmware are listed in the below mentioned documents:

- DECL DoP EN54-16 EN54-4 PROMATRIX 6000 V14
- ISO 7240 certificate

### New IRIS-Net supported devices/modules

- PMX-4CR12
- PMX-4R24
- PMX-2P500
- PMX-15CST
- PMX-15ECS
- OM-1

### Devices with firmware

Product	Firmware version	Comments
PMX-4CR12	V1.20.0	- Bug fix where spare amplifiers are not correctly routed in networked systems.
PMX-4R24	V1.6.10	
PMX-2P500	V1.1.0	
PMX-15CST / PMX-15ECS	V2.4.0	
OM-1	V1.15.118	

### Note

IRIS-Net V4.0.0 is a full package that can be downloaded from the DYNACORD website.

## 3 History

### 3.1 IRIS-Net V3.2.3

This section lists:

- all new 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 firmware are listed in the below mentioned documents:

- DECL DoP EN54-16 EN54-4 PROMATRIX 6000 V12

#### **New IRIS-Net supported devices/modules**

- PMX-4CR12
- PMX-4R24
- PMX-2P500
- PMX-15CST
- PMX-15ECS
- OM-1

#### **Devices with firmware**

<b>Product</b>	<b>Firmware version</b>	<b>Comments</b>
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	

#### **Note**

IRIS-Net V3.2.3 is a patch update that requires IRIS-Net V3.2.0 to be installed up front.

## 3.2 IRIS-Net V3.2.1 and V3.2.2

This section lists:

- all new 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 PROMATRIX 6000 V11

### New IRIS-Net supported devices/modules

- PMX-4CR12
- PMX-4R24
- PMX-2P500
- PMX-15CST
- PMX-15ECS
- OM-1

### Devices with firmware

Product	Firmware version	Comments
PMX-4CR12	V1.19.1	<ul style="list-style-type: none"> <li>- Bug fix where a gain change in the configuration software could lead to a watchdog reset.</li> <li>- Bug fix where EOL (End Of Line) stays deactivated when an EOL module gets lost during a running EVAC signal.</li> </ul>
PMX-4R24	V1.5.0	
PMX-2P500	V1.1.0	
PMX-15CST / PMX-15ECS	V2.3.0	
OM-1	V1.15.118	

### Note

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.

### 3.3 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:

- DECL DoP EN54-16 EN54-4 PROMATRIX 6000 V10

#### New IRIS-Net supported devices/modules

- OM-1
- PMX-15ECS

#### Devices with firmware

Product	Firmware version	Comments
PMX-4CR12	V1.19.0	<ul style="list-style-type: none"> <li>– TCP/IP Network support added for up to 4 controllers.</li> <li>– OM-1 module support for IP audio transport.</li> <li>– PROMATRIX can be networked by up to 4 controllers.</li> <li>– Improved password protection.</li> <li>– Smart safety link configurable from wizard.</li> </ul>
PMX-4R24	V1.5.0	<ul style="list-style-type: none"> <li>– Functions added with respect to network functionality.</li> </ul>
PMX-15CST / PMX-15ECS	V2.3.0	<ul style="list-style-type: none"> <li>– One touch LED test added.</li> <li>– Talk over Alarm added.</li> </ul>
OM-1	V1.15.118	

#### Note

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



## 3.4 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:

- DECL DoP EN54-16 EN54-4 PROMATRIX 6000 V9

### New IRIS-Net supported devices/modules

- No additional option added.

### Devices with firmware

Product	Firmware version	Comments
PMX-4CR12	V1.17.4	<ul style="list-style-type: none"> <li>- Non EN 54-16 features added.</li> <li>- Fixes a critical bug solved for FW versions 1.17.11, 1.17.2, and 1.17.3.</li> <li>- Bug fix that limited the number of EOL (End Of Line) to 254.</li> <li>- Busy condition block bug fixed.</li> <li>- Low bandwidth connection improved.</li> </ul>
PMX-4R24	V1.4.4	<ul style="list-style-type: none"> <li>- Bug fixing with respect to temperature control.</li> </ul>
PMX-15CST	V2.2.7	<ul style="list-style-type: none"> <li>- Supervision bug fixed.</li> </ul>

### Note

IRIS-Net V3.1.4 is a patch update which requires IRIS-Net V3.1.0.1 to be installed up front. IRIS-Net versions 3.1.0 to 3.1.3 are withdrawn and shall not be used anymore.

## 3.5 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:

- DECL DoP EN54-16 EN54-4 PROMATRIX 6000 V9

### New IRIS-Net supported devices/modules

- No additional option added.

### Devices with firmware

Product	Firmware version	Comments
PMX-4CR12	V1.17.02	<ul style="list-style-type: none"> <li>– Bug fixes and critical bug solved.</li> <li>– PROMATRIX 6000 wizard bug update.</li> <li>– Separate Stop signal for messages / alarms option added in wizard.</li> <li>– Voice Evacuation recording.</li> <li>– Busy Condition block added to Task Engine.</li> </ul>
PMX-4R24	V1.4.0	<ul style="list-style-type: none"> <li>– Bug fixing.</li> </ul>
PMX-15CST	V2.2.0	<ul style="list-style-type: none"> <li>– Audio monitoring added.</li> <li>– Languages added: French, Spanish, Italian, Portuguese, Polish, Finnish, Russian, Turkish, Czech, Korean and Chinese.</li> <li>– PTT talk priority change programmable for EVAC purposes.</li> </ul>

### Note

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

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

## 3.6 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:

- DECL DoP EN54-16 EN54-4 PROMATRIX 6000 V5

### New IRIS-Net supported devices/modules

- PMX-4CR12
- PMX-4R24
- PMX-2P500
- PMX-15CST

### Devices with firmware

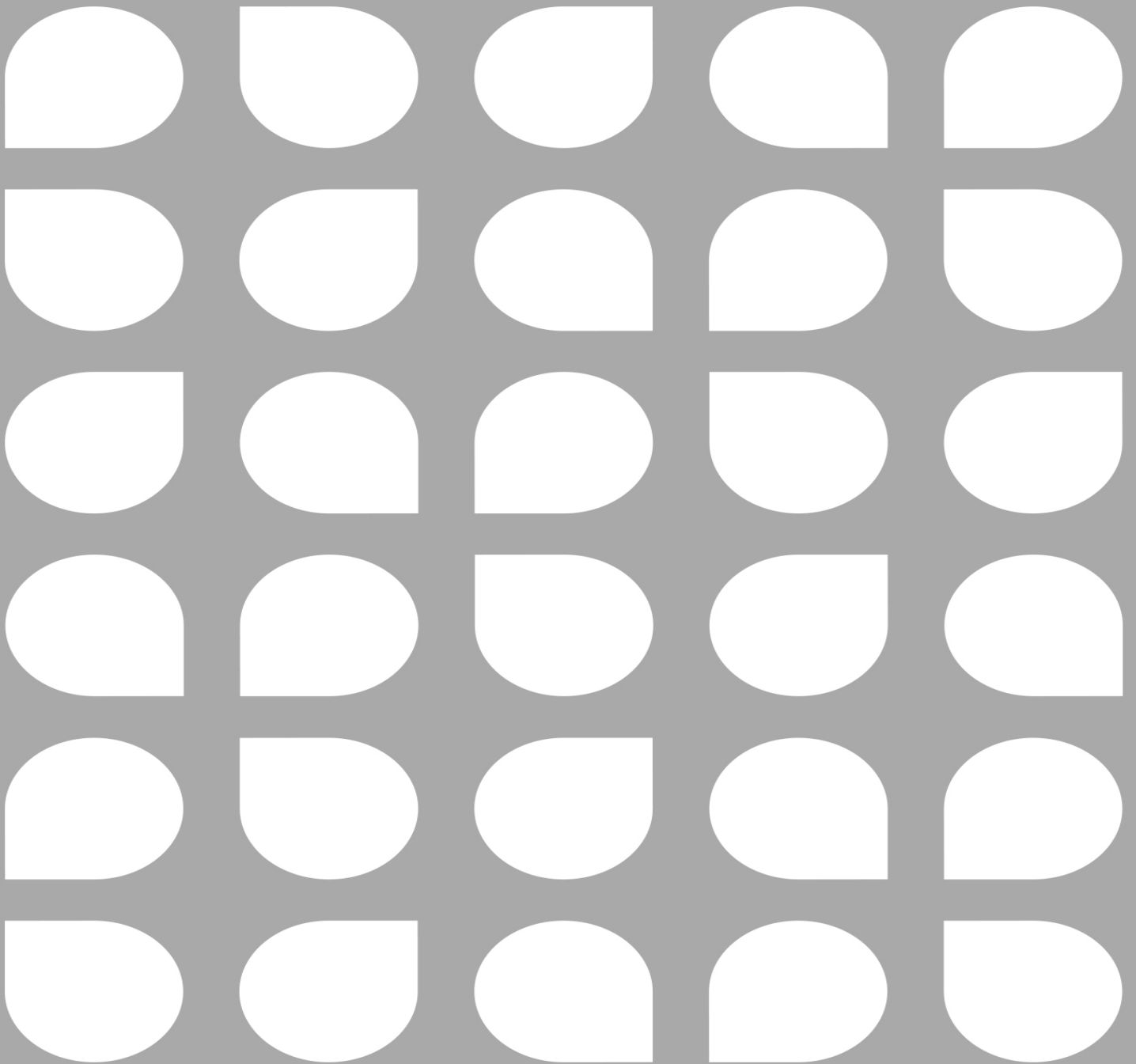
Product	Firmware version	Comments
PMX-4CR12	V1.16.2	
PMX-4R24	V1.3.0	
PMX-2P500	V1.1.0	
PMX-15CST	V2.1.2	

### Note

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







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