DirectOut Technologies[®]

D.O.TEC[®] ANDIAMO Remote

Software Guide



Version 1.2

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Chapter 1 - Introduction

About this document

Each device of the D.O.TEC® ANDIAMO Series can be remote controlled by a remote software application - ANDIAMO Remote - running on a Windows® PC.

This document describes the installation and operation of the software. Information about the hardware and general operating instructions are covered by the particular 'Hardware Guide'.

As the feature set and application differs between the particular devices Chapter 4 is split into different parts to meet the concerns of the particular devices.

Conventions

The following symbols are used to draw your attention to:

Tips - indicate useful tips and short cuts.

Notes – are used for important points of clarification or cross references.

Warning

Tip

Note

Warning

Warnings – alert you when an action should always be observed.

Chapters that are split are marked with individual side bars:



ANDIAMO and ANDIAMO 2



ANDIAMO.XT and ANDIAMO.XT SRC ANDIAMO 2.XT and ANDIAMO 2.XT SRC



ANDIAMO.MC



ANDIAMO.AES

Chapter 2 - Installation

Requirements

Supported OS versions are Windows® XP, Vista, 7 and 8.

Installation procedure

- 1. Download the application Link: http://www.directout.eu/de/support/downloads/index.html
- 2. Unpack the zip archive into a temp directory.



3. Launch the installer: setup_andiamo_remote.exe



4. A wizard will guide you through all necessary steps.

ANDIAMO Remote - InstallShield Wizard	×	
License Agreement Please read the following license agreement carefully.		
ANDIAMO Remote Software License	^	
Copyright (C) 2013 DirectOut GmbH		
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use and copy the Software on one or more computers at a time, subject to the following conditions:		
accept the terms in the license agreement; Print		
○ I do not accept the terms in the license agreement		
Instalishieid		

5. Accept the license agreement to proceed.

0	Install ANDIAMO Remote to:		
	D: \Program Files (x86) \DirectOut Technologies \ANDIAMO	Remote\ Ch	ange

6. Specify the destination for the installation.

The wizard is ready to begin ins	tallation.	
If you want to review or change exit the wizard. Current Settinos:	e any of your installation settings	;, dick Back. Click Cancel to
Setup Type:		
Typical		
Destination Folder:		
D:\Program Files (x86)\Dire	ctOut Technologies ANDIAMO Re	emote\
User Information:		
Name:		
Company:		
- Netrata		

7. Check your settings and click <Install> to proceed. The installation process will take a moment.

岁 ANDIAN	IO Remote - InstallShield Wizard
4	InstallShield Wizard Completed
SETU	The InstallShield Wizard has successfully installed ANDIAMO Remote. Click Finish to exit the wizard.
	< Back Finish Cancel

8. After successful intallation you will be prompted to finnish the wizard.

Repair / Remove Installation



1. Once the application is already installed on the system and the installer is launched again it will offer a repair, modify or removal of the installation. Select and click <Next> to proceed.



2. Confirm your selection (e.g. Remove).

岗 ANDIAN	IO Remote - InstallShield Wizard
	InstallShield Wizard Completed
SETUP	The InstallShield Wizard has successfully uninstalled ANDIAMO Remote. Click Finish to exit the wizard.
	< Back Finish Cancel

3. After successful operation you will be prompted to finnish the wizard.

This page is left blank intentionally.

Note

Chapter 3 - Connection Setup

Remote Control

The software may control the device using four different methods:

- a) Serial control via USB
- b) Serial over MADI (embedded RS-232 data)
- c) MIDI over MADI (embedded MIDI data)
- d) USB over Ethernet DO.Net

All settings are stored inside the device. An offline mode allows to prepare settings and to store them to file for later use.

Remote control requires :

• firmware version 1.5 or higher for ANDIAMO.MC



Connecting the device

To connect with the device the method and the port must be selected.

8	ANDIAMO	Remote	-	• ×
Command				
	x	Device: N/A	СОМЗ	• 0
	ANDIAMO) REMOTE		
СОМЗ		115.200 Bit/s	Not Connected	
СОМЗ		115.200 Bit/s	Not Connected	

Method a) and b) both use a COM port of the operating system. Method a) requires:

- USB connection to the device
- installed D.O.TEC® USB Serial driver

To connect:

- Select the COM port
- Click 'CONNECT'



The driver and the installation instructions are available at www.directout.eu.

Method b) requires:

- installed COM port on the computer
- an embedder / de-embedder

Suitable embedder devices:

- D.O.TEC® PRODUCER.COM
- D.O.TEC® EXBOX.MIDICOM
- D.O.TEC® EXBOX.AES
- D.O.TEC® M1.k2
- D.O.TEC® MA2CHBOX
- D.O.TEC® MA2CHBOX.XT

To connect:

- · Select the COM port
- Click 'CONNECT'

) Note

When using method b) make sure that the baud rate of the used embedder is set to 115.200 baud.

Note

To ensure proper operation using embedded serial data a bit transparent bidirectional link of the MADI signal is required. DirectOut Technologies®



Method c) requires:

- · a MIDI device to be installed on the computer
- an embedder / de-embedder

Suitable embedder devices:

- D.O.TEC® PRODUCER.COM
- D.O.TEC® EXBOX.MIDICOM
- D.O.TEC® M1.k2
- MADI card with built in embedder / de-embedder

MIDI I/O		×
di Port 1	T	
di Port 1	•	
ncel		
	MIDI I/O di Port 1 di Port 1 ncel	MIDII/O

To connect:

- Select MIDI I/O
- Enable MIDI I/O
- Click Connect

To ensure proper operation using embedded MIDI data a bit transparent bidirectional link of the MADI signal is required. Note



Method d) requires:

- Raspberry Pi with ethernet port
- · SD Card with at least 2 GB capacity
- Network

The Raspberry Pi is connected with the ANDIAMO device via USB. The ethernet connection with the network allows to remote control the ANDIAMO from anywhere within the network.

The DO.Net daemon translates serial data between the network and the local USB port of an ANDIAMO device.

To connect:

- Enable Network
- Click Connect

This connection method requires additional hardware that is **not** provided by DirectOut. See document 'Info - DO.Net" for further information:

Note

http://www.directout.eu/de/support/downloads/index.html

Connecting multiple devices

It is possible to remote control multiple devices by the remote application.



Go to 'Command - Select Device'. All detected devices are listed by a pulldown menu.

The menu becomes active once a connection is established. The adjusted COM port or MIDI port is used for detection. All further devices are detected by embedded control data in the MADI signal.



Examples:



RS-232 data is (de-)embedded by the first ANDIAMO into the MADI signal. The MADI ring between the two devices ensures the bidirectional communication. See "Embedding serial data" on page 18.



Embedded MIDI data controls both ANDIAMOs. The MADI ring between the three devices ensures the bidirectional communication.



It is also possible to connect more than one device via USB locally and to open several instances of ANDIAMO Remote.

Embedding serial data

A built in USB Embedder can be used to process remote control data from the local USB port through the MADI line.

The remote control data (RS-232) is embedded into the MADI output signal of the device and deembedded from the MADI input signal of the device.

The USB Embedder can be activated in the particular settings page of the ANDIAMO Remote.

It is deactivated by default after switch on of the device.

The built in USB Embedder allows for remote control of further devices over large distances without the need of additional hardware.

Chapter 4a - ANDIAMO / ANDIAMO 2

STATE view

The state view monitors the system state and informs about the system settings. The bottom bar monitors the connection state with the device.

MATR	IX	Devic	e: Andiamo 2	
ANDIAMO State	Firmware: 3.1	Temperature	: 26°C Fan Speed	: 0000000
Clock Source	Sample rate	MADI Format	IN Level	PSU State
75Ω SYNC	2FS	9 56ch	HIGH	O PSU 1
🔵 - WCK - 🔵	🔵 48k	🔵 96k	low	PSU 2
🔵 - MADI - 💽 1	44.1 k	Bank	OUT Level	
🔵 - INT 🗴 2		3364	HIGH	SETTINGS
		132	LOW	
Standard Bank Routing				

Click 'Settings' to open the system setup dialog.

Click 'MATRIX' to toggle the MATRIX view.

Point to 'CONNECTED' and click 'DISCONNECT' to close the connection.

Depending on the connected device the view may differ.



System Setup

Most system settings can be adjusted either locally or via the remote application. The settings are stored inside the device. Additionally presets can be stored to a file for later use.

A few settings can be accessed via the remote application only:

- configuration of the system fan control
- redundancy mode (only devices with two MADI I/Os)
- routing matrix
- (de-)activation of built-in USB Embedder

Clock Source	-Sample rate
O WCK - Term.	48kHz 💌
O MADI	🗖 2 FS
⊙ INT	Analog I/O Level
	IN HIGH
56ch 96k	OUT HIGH
Bank Select	Redundancy Mode
Enable Matrix Mode	Redundancy active 💌
• 132 C 3364	USB Embedder
Fan	Display Dark
Enable Safe Mode (Fan al	ways running)
Fan Slow @ 50 💌 °C	Fan Fast @ 65 💌 °C

To adust the settings either click the radial buttons, checkboxes or use the pull down menus.

Click 'OK' to close the dialog applying all changes.

Click 'Cancel' to close the dialog discarding all changes.

Click 'Apply' to transmit all changes without closing the dialog.

	ANDIAM
Clock Source	
O WCK -	Term.
O MADI	
⊙ INT	

Clock Source

The system clock can be set to one of three possible clock sources. The termination of the word clock input is switchable.

WCK	clock source set to word clock input
MADI	clock source set to (selected) MADI input
INT	clock source set to internal clock generator



Sample Rate

With the clock set to internal (INT) the sample rate can be adjusted in the menu. If the clock source is set to word clock or MADI input no adjustment of the base rate is possible - the measured frequency of the clock source is indicated then.



Use the check box <2 FS> to adapt the scaling factor at external clocking.

A 96k Frame signal while clocking to MADI input will force the scaling factor to 2 FS temporarily.





Analog I/O level

The sensitivity of the AD and DA converters can be switched between two settings (high and low) where the analog level corresponds to 0 dB_{FS}.

With the level setting to "low" a digital gain (input) or a digital reduction (output) is applied to adapt the lower analog level (-9 dB).



MADI Format

The format of the MADI output signal can be defined - allowing for format conversion of the MADI signal.

56 ch	MADI output is set to 56 (28@2 FS) channel mode.
96k	MADI output is set to 96k Frame 96k Frame is available with 2 FS only.

The output channel format does not affect the number of used input channels.



Bank Select

The block of channels (ch 01-32 or ch 33-64) of the MADI stream that is processed can be selected.

This setting is used with 'Standard Bank Routing' (i.e. 'Matrix Mode OFF').

Matrix Mode

There are two methods of signal routing:

a) 'Standard Bank Routing' - signal routing of analog and digital I/Os in blocks of 32 channels.

b) 'Matrix Mode' - individual signal routing of all analog and digital I/Os on a per channel basis.

There are three ways to toggle between both methods:

 System Setur

Enable M	latrix Mode
· 132	C 3364

use checkbox

2. Matrix view



use checkbox

3. Front panel



ANDIAMO (2)

- Activate the Menu Mode (press > 2 sec 'SELECT')
- Step through to parameter 'Bank'
- Press > 2 sec 'SET' to toggle between both methods

) Note

See "Routing Matrix" on page 26

	echnologies [®]		Chapter 4a - ANDIAMO / ANDIAMO 2
Matrix Mode ON	Matrix Mode	BANK 3364 132	
Matrix Mode OFF	Standard Bank Routing	BANK 3364 132	

The activation state of the 'Matrix Mode' is monitored in the GUI and at the front panel.



Configuration System Fan

The characteristics of the system fan inside the device may be configured individually.

Fan Slow	threshold temperature - fan starts at lowest speed
Fan Fast	threshold temperature - fan runs at highest speed
Enable Safe Mode	fan is always running - below threshold 'slow' the fan runs at lowest speed

The interval between 'slow' and 'fast' must amount at least to ten degrees.

Redundancy Mode

Devices with two MADI I/Os provide input redundancy. Redundancy modes:

- 1. Standard automatic port selection
- 2. Priority priority input port selected
- 3. Off forced input port selection

Mode	description	switch over	revert
Standard	The first MADI input that detects a valid signal will be used. If this input fails, the device will switch to the other input (if it is locked).	yes	no
Priority	The defined <i>priority port</i> is always selected automatically if a valid signal is detected. Selection will revert to the priority port, after switch over (due to signal loss).	yes	yes
Off	Automatic selection is overriden by forcing the input selection to a specific MADI input port.	no	no

-Redundancy Mode -	
Redundancy active	-
Redundancy active	
Force to MADI 1	
Force to MADI 2	
Prio to MADI 1	
Prio to MADI 2	
ysrunning)	

Pulldown menu with five options. 'Redundancy active' is the default setting ('Standard').



The LED of the forced input port is framed by a blue rectangle.

Note The MADI output ports work in parallel.

) Note

The redundancy setting is always set to 'Standard' at switch on of the device.



USB Embedder

The USB Embedder processes remote control data between the local USB port and the MADI I/O. It can be used to control multiple devices.

The USB embedder is deactivated by default after switch on of the device. See "Embedding serial data" on page 18.

Note

Delay Compensation

Delay compensation becomes active, if a device of the ANDIAMO series 'sees' another ANDIAMO device at its input. The 'second' device will switch to ID 02 automatically.

1. STATE view:



A green label indicates activated delay compensation.

2. Front panel:



Indication of ID 2: LED <bank selection> heartbeat.

Consult the 'Hardware Guide' for more information about delay compensation.

Mote

Routing Matrix



With 'Matrix Mode' enabled the settings of the matrix will effect the routing of the audio signals.

The matrix shows 32 inputs (horizontal) by 32 outputs (vertical).

INPUT	ANALOG	MADI 132	MADI 3364	INPUT
OUTPUT	ANALOG	MADI 132	MADI 3364	OUTPUT

There are three input pages (sources) and three output pages (destinations):

ANALOG	A/D input - D/A output
MADI 132	MADI channel 01-32 (input / output)
MADI 3364	MADI channel 33-64 (input / output)

Click the buttons to change the view of sources / destinations.

Setting / deleting crosspoints

- move the cursor to the desired position a small green square and transparent bars point the active position
- · click into the square to set / delete the crosspoint



To set more than one crosspoint you may click and hold the left mouse button and move the cursor. The pointed crosspoints will be set upon release of the mouse button.

crosspoint - output is set on the selected input page.
crosspoint - output is set on a non-se- lected input page.

This page is left blank intentionally.

Chapter 4b - ANDIAMO.XT (2) / ANDIAMO.XT SRC (2)

STATE view

The state view monitors the system state and informs about the system settings. The bottom bar monitors the connection state with the device.



Click 'Settings' to open the system setup dialog.

Click 'MATRIX' to toggle the MATRIX view.

Point to 'CONNECTED' and click 'DISCONNECT' to close the connection.

Depending on the connected device the view may differ.



System Setup

Most system settings can be adjusted either locally or via the remote application. The settings are stored inside the device. Additionally presets can be stored to a file for later use.

A few settings can be accessed via the remote application only:

- · configuration of the system fan control
- redundancy mode (only devices with two MADI I/Os)
- signal routing ('Matrix Mode')
- · user bit transparency for AES inputs
- (de-)activation of built-in USB Embedder

A	NDIAMO.XT	(SRC) Settings
Clock Source -		Sample rate
⊙ INT		48/447
O AES		
O WCK -	Term.	2 F5
O MADI		Analog I/O Level
MADI Format		
🔽 56ch	1 96k	OUT HIGH 💌
SRC ON/OFF		
□ 18	₹ 916	□ 1724 🔽 2532
AES OUT	D/A OUT	0132 OUT 3364 OUT
Userbit Tr	ansparency put	Redundancy Mode
US8 Embe	dder	Redundancy active
Fan		
Enable Sa	afe Mode (Fan al	ways running)
Fan Slow @	45 ▼ ℃	Fan Fast @ 65 💌 °C

To adust the settings either click the radial buttons, checkboxes or use the pull down menus.

Click 'OK' to close the dialog applying all changes.

Click 'Cancel' to close the dialog discarding all changes.

Click 'Apply' to transmit all changes without closing the dialog.

Clock Sourc	e —		
⊙ INT			
O AES			
O work	2	Г	Term.
O MADI			

Clock Source

The system clock can be set to one of four possible clock sources. The termination of the word clock input is switchable.

INT	clock source set to internal clock generator		
AES	clock source set to AES input		
WCK	clock source set to word clock input		
MADI	clock source set to (selected) MADI input		

If the clock source is set to AES the selection of the AES port as clock source uses the following pattern in ascending order: *lowest* input port receiving a valid AES signal





Sample Rate

With the clock set to internal (INT) the sample rate can be adjusted in the menu. If the clock source is set to word clock or AES or MADI input no adjustment of the base rate is possible - the measured frequency of the clock source is indicated then.

48kHz	-
	_
2FS	

Use the check box <2 FS> to adapt the scaling factor at external clocking.

A 96k Frame signal while clocking to MADI input will force the scaling factor to 2 FS temporarily.



18	▼ 916	1724	2532

Sample Rate Conversion

The sample rate converters for the AES inputs are switchable in groups of eight channels (SRC Version).

The activation state is indicated in the STATE view.

Analog I/O Level

Analog I/O level

The sensitivity of the AD and DA converters can be switched between two settings (high and low) where the analog level corresponds to 0 dB $_{\rm FS}.$

With the level setting to "low" a digital gain (input) or a digital reduction (output) is applied to adapt the lower analog level (-9 dB).



MADI Format

The format of the MADI output signal can be defined - allowing for format conversion of the MADI signal.

56 ch	MADI output is set to 56 (28@2 FS) channel mode.
96k	MADI output is set to 96k Frame 96k Frame is available with 2 FS only.

The output channel format does not affect the number of used input channels.

Output Routing	Output Routing
AES OUT D/A OUT 0132 OUT 3364 OUT 0132 0132 A/D OFF OFF A/D Userbit Tran A/D for AES inpu 0132 IN 3364 IN Redundancy Mode	AES OUT D/A OUT 0132 OUT 3364 OUT 0132 AES IN A/D AES IN Userbit Transparency AFS IN A/D CFF Userbit Transparency A/D CFF CV Mode 0132 IN 3364 N ncy active F

Standard Bank Routing

The input signals can be routed in blocks (e.g. A/D to MADI 01..32) or on a per channel basis - *see "Matrix Mode" on page 33*.

Use the pull-down menus to define the input source for the particular output.

<Fallback>

AES input is used at first. In case the AES input fails (no lock) the device switches to analog input for the respective channel pair only. Only available for MADI output (<01..32 OUT> or <33..64 OUT>).

Matrix Mode

There are two methods of signal routing:

a) 'Standard Bank Routing' - signal routing of analog and digital I/Os in blocks of 32 channels.

b) 'Matrix Mode' - individual signal routing of all analog and digital I/Os on a per channel basis.

There are three ways to toggle between both methods:

1. System Setup	Bank Select Redundancy Mode Redundancy active
	use checkbox
2. Matrix view	OUTPUT ANALOG Enable Matrix Mode 1 2 3 4 5 6 7 8 9 10 11 12 13 1
	USE CHECKDOX
3. Front panel	XT & XT SRC
 activate t 2 sec 'S 	he Menu Mode for Signal Routing (press ELECT')
 Press > 2 	sec 'SET' to toggle between both methods

Matrix Mode ON	Matrix Mode	 AES A/D 0132 3364 	AES A/D 0132	 AES A/D 0132 3364 	 AES A/D 0132 3364
		AES	D/A	0132	3364
Matrix Mode OFF	Standard Bank Routing	AES	AES	O AES	AES
		○ A/D	A/D	A/D	A/D
		33 64		33 64	33 64
		AES	D/A	0132	3364

The activation state of the 'Matrix Mode' is monitored in the GUI and at the front panel.

See "Routing Matrix" on page 37





User Bit Transparency

To preserve the user bits of the AES input signals bit transparent processing to the MADI and AES outputs can be enabled.

With transparency enabled the user bit of all audio channels (MADI and AES outputs) will be replaced by the user bit of the AES input channels.

As the ANDIAMO Remote employs user bits to control the device via 'MIDI over MADI' or 'Serial over MADI', remote control is limited to USB (method a) with transparency enabled.

	Activate Userbit Transparency?	
?	Activating Userbit Transparency will disable remote control via MIDI-over-MADI and Serial-over-MADI. To disable Userbit Transparency use remote control via USB. Do you want to continue?	
	OK Cancel	

A warning appears to prevent unwanted lock out.



Configuration System Fan

The characteristics of the system fan inside the device may be configured individually.

Fan Slow	threshold temperature - fan starts at lowest speed
Fan Fast	threshold temperature - fan runs at highest speed
Enable Safe Mode	fan is always running - below threshold 'slow' the fan runs at lowest speed

The interval between 'slow' and 'fast' must amount at least to ten degrees.

Redundancy Mode

Devices with two MADI I/Os provide input redundancy. Redundancy modes:

- 1. Standard automatic port selection
- 2. Priority priority input port selected
- 3. Off forced input port selection

Mode	description	switch over	revert
Standard	The first MADI input that detects a valid signal will be used. If this input fails, the device will switch to the other input (if it is locked).		no
Priority	The defined <i>priority port</i> is always selected automatically if a valid signal is detected. Selection will revert to the priority port, after switch over (due to signal loss).	yes	yes
Off	Automatic selection is overriden by forcing the input selection to a specific MADI input port.	no	no

-Redundancy Mode -	
Redundancy active	-
Redundancy active	
Force to MADI 1	
Force to MADI 2	
Prio to MADI 1	
Prio to MADI 2	
vays running)	

Pulldown menu with five options. 'Redundancy active' is the default setting ('Standard').



The LED of the forced input port is framed by a blue rectangle.

The MADI output ports work in parallel.



the device.

for AES input	7
USB Embedder	

USB Embedder

The USB Embedder processes remote control data between the local USB port and the MADI I/O. It can be used to control multiple devices.



The USB embedder is deactivated by default after switch on of the device. See "Embedding serial data" on page 18.

Delay Compensation

Delay compensation becomes active, if a device of the ANDIAMO series 'sees' another ANDIAMO device at its input. The 'second' device will switch to ID 02 automatically.

STATE view:

Standard Bank	Routing
Delay Compe	nsation

A green label indicates activated delay compensation.



Note

Consult the 'Hardware Guide' for more information about delay compensation.

Routing Matrix



With 'Matrix Mode' enabled the settings of the matrix will effect the routing of the audio signals.

The matrix shows 32 inputs (horizontal) by 32 outputs (vertical).

INPUT	ANALOG	MADI 132	MADI 3364	AES	
OUTPUT	ANALOG	MADI 132	MADI 3364	AES	OUTPUT

There are four input pages (sources) and four output pages (destinations):

ANALOG	A/D input - D/A output
MADI 132	MADI channel 01-32 (input / output)
MADI 3364	MADI channel 33-64 (input / output)
AES	AES (input / output)

Click the buttons to change the view of sources / destinations.

Setting / deleting crosspoints

- move the cursor to the desired position a small green square and transparent bars point the active position
- · click into the square to set / delete the crosspoint



To set more than one crosspoint you may click and hold the left mouse button and move the cursor. The pointed crosspoints will be set upon release of the mouse button.

crosspoint - output is set on the selected input page.
crosspoint - output is set on a non-se- lected input page.

Chapter 4c - ANDIAMO.MC

STATE view

The STATE view monitors the system state and informs about the system settings. The bottom bar monitors the connection state with the device.

MAT		ELS DEVIO	E. ANDIANO.MC	
ANDIAMO State	Firmware: 1.	5 Temperature	: 30°C Fan Speed	1: •000000
Clock Source	Sample rate	MADI Format	IN Level	PSU State
75Ω SYNC	2FS	56ch	HIGH	PSU 1
🔵 - WCK - 🔵	🔵 48k	🔵 96k	low	PSU 2
🔵 - MADI - 🌑 1	44.1 k	Bank	OUT Level	
🔵 - INT 🍐 2		3364	HIGH	SETTINGS
		132	low	
Standard Bank Routing				

Click 'Settings' to open the system setup dialog. Click 'MATRIX' to toggle the MATRIX view. Click 'LEVELS' to toggle the LEVELS view Point to 'CONNECTED' and click 'DISCONNECT' to close the connection.

Depending on the connected device the view may differ.



System Setup

Most system settings can be adjusted either locally or via the remote application. The settings are stored inside the device. Additionally presets can be stored to a file for later use.

A few settings can be accessed via the remote application only:

- configuration of the system fan control
- redundancy mode
- routing matrix
- GPO trigger
- (de-)activation of built-in USB Embedder
- · display dark function

Clock Source	Sample rate
OWCK - Term.	48kHz 💌
O MADI	🗖 2 FS
⊙ INT	Analog I/O Level
	IN HIGH -
MADI Format ▼ 56ch	OUT HIGH 💌
Bank Select	Redundancy Mode
Enable Matrix Mode	Redundancy active
	USB Embedder
Fan	I Display Dark
Enable Safe Mode (Fan al	ways running)
Fan Slow @ 45 💌 °C	Fan Fast @ 65 💌 9

To adust the settings either click the radial buttons, checkboxes or use the pull down menus.

Click 'OK' to close the dialog applying all changes.

Click 'Cancel' to close the dialog discarding all changes.

Click 'Apply' to transmit all changes without closing the dialog.

	ANDIAM
Clock Source	
O WCK -	Γ Term.
O MADI	
⊙ INT	

Clock Source

The system clock can be set to one of three possible clock sources. The termination of the word clock input is switchable.

WCK	clock source set to word clock input
MADI	clock source set to (selected) MADI input
INT	clock source set to internal clock generator



Sample Rate

With the clock set to internal (INT) the sample rate can be adjusted in the menu. If the clock source is set to word clock or MADI input no adjustment of the base rate is possible - the measured frequency of the clock source is indicated then.



Use the check box <2 FS> to adapt the scaling factor at external clocking.

A 96k Frame signal while clocking to MADI input will force the scaling factor to 2 FS temporarily.



IN	HIGH	Ŧ
ол	HIGH	•
	HIGH	

Analog Output level

The sensitivity of the DA converters can be switched between two settings (high and low) where the analog level corresponds to $0 \, dB_{FS}$. With the level setting to "low" a digital reduction (output) is applied to adapt the lower analog level (-9 dB).

The input sensitivity (AD) is adjusted on a per channel basis in the LEVELS section - *see "Levels - Gain control" on page 48*.



MADI Format

The format of the MADI output signal can be defined - allowing for format conversion of the MADI signal.

56 ch	MADI output is set to 56 (28@2 FS) channel mode.
96k	MADI output is set to 96k Frame 96k Frame is available with 2 FS only.

The output channel format does not affect the number of used input channels.

Enable M	latrix Mode
• 132	C 3364

Bank Select

The block of channels (ch 01-32 or ch 33-64) of the MADI stream that is processed can be selected.

This setting is used with 'Standard Bank Routing' (i.e. 'Matrix Mode OFF').

Matrix Mode

There are two methods of signal routing:

a) 'Standard Bank Routing' - signal routing of analog and digital I/Os as a whole.

b) 'Matrix Mode' - individual signal routing of all analog and digital I/Os on a per channel basis.

There are three ways to toggle between both methods:

1. System Setup	1.	System	Setup
-----------------	----	--------	-------

Enable M	latrix Mode
· 132	C 3364

use checkbox

2. Matrix view



use checkbox

3. Front panel



ANDIAMO.MC

- Activate the Menu Mode (press > 2 sec 'SELECT')
- Step through to parameter 'Bank'
- Press > 2 sec 'SET' to toggle between both methods

Note

See "Routing Matrix" on page 46.

Matrix Mode ON



Matrix Mode OFF

The activation state of the 'Matrix Mode' is monitored in the GUI and at the front panel.



Configuration System Fan

The characteristics of the system fan inside the device may be configured individually.

Fan Slow	threshold temperature - fan starts at lowest speed
Fan Fast	threshold temperature - fan runs at highest speed
Enable Safe Mode	fan is always running - below threshold 'slow' the fan runs at lowest speed

The interval between 'slow' and 'fast' must amount at least to ten degrees.

Redundancy Mode

Devices with two MADI I/Os provide input redundancy. Redundancy modes:

- 1. Standard automatic port selection
- 2. Priority priority input port selected
- 3. Off forced input port selection

Mode	description	switch over	revert
Standard	The first MADI input that detects a valid signal will be used. If this input fails, the device will switch to the other input (if it is locked).	yes	no
Priority	The defined <i>priority port</i> is always selected automatically if a valid signal is detected. Selection will revert to the priority port, after switch over (due to signal loss).	yes	yes
Off	Automatic selection is overriden by forcing the input selection to a specific MADI input port.	no	no

[Redundancy Mode	
	Redundancy active	•
	Redundancy active	
l	Force to MADI 1	
	Force to MADI 2	
-	Prio to MADI 1	
_	Prio to MADI 2	_
a)	/s running)	

Pulldown menu with five options. 'Redundancy active' is the default setting ('Standard').

/ск - 🔵
ADI - 🚺 1
r 🦲 2
т 🌔 2

The LED of the forced input port is framed by a blue rectangle.

The MADI output ports work in parallel.

Note

Note

The redundancy setting is always set to 'Standard' at switch on of the device.

	USB Emb	pedder	
E.	Display [Dark	

USB Embedder

The USB Embedder processes remote control data between the local USB port and the MADI I/O. It can be used to control multiple devices.

The USB embedder is deactivated by default after switch on of the device. See "Embedding serial data" on page 18.



JSB Embe	edder
Display D	ark

Display Dark

The monitoring of the LEDs (except the PSU LED) at the front panel of the device can be switched off after a timeout of a few seconds. If activated the device can be operated at sensitive environments without attracting unwanted attention.

Delay Compensation

Delay compensation becomes active, if a device of the ANDIAMO series 'sees' another ANDIAMO device at its input. The 'second' device will switch to ID 02 automatically.

STATE view:

	ung
Delay Compensat	ion

A green label indicates activated delay compensation.

Consult the 'Hardware Guide' for more information about delay compensation.



Routing Matrix



With 'Matrix Mode' enabled the settings of the matrix will effect the routing of the audio signals.

The matrix shows 32 inputs (horizontal) by 32 outputs (vertical).

INPUT	ANALOG	MADI 132	MADI 3364	INPUT
OUTPUT	ANALOG	MADI 132	MADI 3364	OUTPUT

There are three input pages (sources) and three output pages (destinations):

ANALOG	A/D input - D/A output
MADI 132	MADI channel 01-32 (input / output)
MADI 3364	MADI channel 33-64 (input / output)

Click the buttons to change the view of sources / destinations.

Setting / deleting crosspoints

- move the cursor to the desired position a small green square and transparent bars point the active position
- · click into the square to set / delete the crosspoint

INF	IPUT ANALOG MADI 132 MADI 3364									INPUT																						
דטכ	rpu	т							ANALOG							ADI	13	2		MADI 3364							OUTPL				U	
	•	Ena	ble	Ma	trix	Mo	de								Ol	JT	PU	Т														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	37
1																																
2																																
3			_																													
4																																
5																																
6																																
7																																
8																																
9													and the second																			
10																																
11																																
12																																
13																																
14																																

To set more than one crosspoint you may click and hold the left mouse button and move the cursor. The pointed crosspoints will be set upon release of the mouse button.

crosspoint - output is set on the selected input page.
crosspoint - output is set on a non-se- lected input page.

Levels - Gain control

The LEVELS view is used for input sensitivity control and level monitoring of the 32 analog input channels.



Meter inputs	level meter of all analog inputs
Fader inputs	setting of input sensitivity (gain)
Channel control	control of phantom power (P48) and 30 dB pad (PAD)
GPO trigger	triggering of GPO and control of polarity
Display Peak Hold	indication of highest signal level is hold

Meter inputs

ov	C														
-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-
-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-1
-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-1
-24	-24	-24	-24	-24	24	-24	-24	-24	-74	-24	-24	-24	-24	-24	-2
-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-3
-48	-48	-48	-48	-48	-42	-48	-48	-48	-48	-48	-48	-48	-48	-48	-4
-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-6
-72	-72	-72	-72	-72	-72	-72	-72	-72	-72	-72	-72	-72	-72	-72	-7
-90	-90	-90	-90	-90	-90	-90	-90	-90	-90	-90	-90	-90	-90	-90	-9
OVR	-19	-19	-8	-8	-24	-11	-20	-23	-31	-12	-38	OVR	OVR	-15	-
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1

Display:

- Bargraphs indicate digital level of the input signal corresponding the adjusted input sensitivity (gain).
- Numerical metering of signal level and 'over'.
- Numerical label of channel

Functions:

- To reset the peak hold click into the bargraph of a channel
- To reset all input level meters double-click in the bargraph of any channel.

Display Peak Hold



Display:

· activation state of display peak hold function

Functions:

Click to rectangle to toggle the state of the peak hold switch

Legend

display peak hold is inactive
display peak hold is active

Fader inputs



Display:

- Fader monitoring input sensitivity of channel
- Fader horizontal lines @ -6 / -18 / -30 / -42 / -55 dBu (Pad inactive)
- · Numerical monitoring of input sensitivity
- Numerical label of channel

Functions:

- Move fader element or use arrow keys (up / down) to alter input sensitivity.
- Double-click fader or hit 'ENTER' to toggle input sensitivity between actual and previous value.
- Use arrow keys (left / right) to navigate between channels.
- Hit '0' key at numerical block to set the input sensitivity to 0 dBu (Pad inactive).
- Hold the <Shift>-key and click on two channel strip to link faders. Linked faders are marked by a red borderline. Click on a single strip to revert to single channel control.
- Hold the <CTRL>-key and click on one or more channel strips to link individual faders. Using this methode you can add or remove a fader to an existing link group. Linked faders are marked by a red borderline.

Shortcuts Mixer

$\leftarrow I \rightarrow$	navigate channel strips - left / right
↑/↓	change input sensitivity - up / down
ENTER	toggle input sensitivity between actual and previous value
0 (Num block)	set input sensitivity to 0 dBu

Channel control



Display:

- activation state of phantom power (P48)
- activation state of 30 dB Pad (PAD)

Functions:

- Click to rectangle P48 to toggle activation state of phantom power (48 V).
- Click to rectangle 'PAD' to toggle activation state of 30 dB Pad.

Legend

P48	phantom power inactive
P48	phantom power active
PAD	30 dB Pad inactive
BAD	30 dB Pad active

PAD will lower the input sensitivity by 30 dBu and is added to value indicated at the fader element - e.g. a fader setting of - 10 dBu will result to an input sensitivity of + 20 dBu with activated PAD.

The level metering of the input channel is 'behind' the PAD switch. It may be useful to check PAD setting if no signal seems to be present.

Warning

Switching PAD may result in abrupt changes of loudness.

Warning

Activated phantom power (48 V) may cause damage to incompatible devices.





GPO trigger



Display:

- · activation state of GPO
- polarity setting of both GPOs

Functions:

- Click to rectangle <1> or <2> to toggle the state of the GPO switch.
- Click to rectangle 'Invert GPO Polarity' to toggle polarity setting of both GPOs.

Legend

Polarity Setting GPO		
1	GPO 1 - switch open	GPO 1 - switch closed
2	GPO 2 - switch open	GPO 2 - switch closed
	GPO 1 - switch closed	GPO 1 - switch open
2	GPO 2 - switch closed	GPO 2 - switch open

Warning

Warning

Observe the technical specifications of the GPOs. See Hardware Guide.

Тір

Using a PRODUCER.COM the GPOs can also be triggered by the 'RED' or 'WHITE' signal of the PRODUCER.COM Remote.

Chapter 4d - ANDIAMO.AES (SRC)

STATE view

The state view monitors the system state and informs about the system settings. The bottom bar monitors the connection state with the device.

NDIAMO.AES S	RC Firmware: 1.0	0 Temperature	: 32°C Fan Speed	: 000000
lock Source	Sample rate	MADI Format	IN Level	PSU State
- INT SYNC	🔵 2FS	🔵 56ch	HIGH	PSU 1
- AES - 🔵	🔵 48k	🔵 96k	low	PSU 2
🖢 - WCK - 🔵	44.1 k	MADI State	OUT Level	
75Ω - 🔴		IN 1	HIGH	SETTINGS
- MADI - 🌑		IN 2	low	
ies sync state				Standard Routing
/2 3/4 5/6 7/8 9/1	10 11/12 13/14 15/16 17/	18 19/20 21/22 23/24 25		
/2 3/4 5/6 7/8 9/11 ES Sync State	10 11/12 13/14 15/16 17/	18 19/20 21/22 23/24 25/		

Click 'Settings' to open the system setup dialog.

Click 'MATRIX' to toggle the MATRIX view.

Point to 'CONNECTED' and click 'DISCONNECT' to close the connection.

Depending on the connected device the view may differ.



System Setup

Most system settings can be adjusted either locally or via the remote application. The settings are stored inside the device. Additionally presets can be stored to a file for later use.

A few settings can be accessed via the remote application only:

- configuration of the system fan control
- redundancy mode (only devices with two MADI I/Os)
- signal routing ('Matrix Mode')
- (de-)activation of built-in USB Embedder

Clock Source		-Sample rate
⊙ INT		
O AES		48KHZ
Ower	— -	🗖 2 F5
0 wek -	l Term,	Analog I/O Level
O MADI		
MADI Format		
✓ 56ch	1 96k	OUT HIGH 💌
SRC ON/OFF		
□ 18	916	□ 1724 🔽 2532
Output Routi	ng	
Enable M	latrix Mode	
AES 1-32	AES 33-64	0132 OUT 3364 OUT
MADI 1-3	MADI 1-3 -	AES 33-6 - AES 1-32 -
C Userbit T	ransparency	Redundancy Mode
USB Emb	edder	Redundancy active
Fan		
Enable S	Safe Mode (Fan a	always running)
Eno Claw @		Fan Fart @ CE
rai 1 510W (0	45 - 2	

To adust the settings either click the radial buttons, checkboxes or use the pull down menus.

Click 'OK' to close the dialog applying all changes.

Click 'Cancel' to close the dialog discarding all changes.

Click 'Apply' to transmit all changes without closing the dialog.

Clock Sour	ce -		
⊙ INT			
O AES			
O work	-	Г	Term.
O MAD	t		

Clock Source

The system clock can be set to one of four possible clock sources. The termination of the word clock input is switchable.

INT	clock source set to internal clock generator
AES	clock source set to AES input
WCK	clock source set to word clock input
MADI	clock source set to (selected) MADI input

The system clock

If the clock source is set to AES the selection of the AES port as clock source uses the following pattern in ascending order: **lowest** input port receiving a valid AES signal





Sample Rate

With the clock set to internal (INT) the sample rate can be adjusted in the menu. If the clock source is set to word clock or AES or MADI input no adjustment of the base rate is possible - the measured frequency of the clock source is indicated then.

48kHz	-
2FS	

Use the check box <2 FS> to adapt the scaling factor at external clocking.

A 96k Frame signal while clocking to MADI input will force the scaling factor to 2 FS temporarily.





Sample Rate Conversion

The sample rate converters for the AES inputs 01 to 32 are switchable in groups of eight channels (SRC Version).

The activation state is indicated in the STATE view.

MADI Format	
🗹 56ch	🗐 96k

MADI Format

The format of the MADI output signal can be defined - allowing for format conversion of the MADI signal.

56 ch	MADI output is set to 56 (28@2 FS) channel mode.
96k	MADI output is set to 96k Frame 96k Frame is available with 2 FS only.

The output channel format does not affect the number of used input channels.

AES 1-32	AES 33-64	0132 OUT	3364 OUT
MADI 1-3 💌	MADI 1-3 -	AES 33-6 💌	AES 1-32
OFF			
AES 1-32	nsparency	Redundance	Mode

Standard Bank Routing

The input signals can be routed in blocks (e.g. AES ▼ to MADI 01..32) or on a per channel basis - *see "Matrix Mode" on page 33*.

Use the pull-down menus to define the input source for the particular output.

Matrix Mode

There are two methods of signal routing:

a) 'Standard Bank Routing' - signal routing of digital I/Os in blocks of 32 channels.

b) 'Matrix Mode' - individual signal routing of all digital I/Os on a per channel basis.

There are three ways to toggle between both methods:

1. System Setup	Output Routing Enable Matrix Mode
	use checkbox
2. Matrix view	OUTPUT ANALOG Enable Matrix Mode 1 2 3 4 5 6 7 8 9 10 11 12 13 1 USE Checkbox
3. Front panel	AES & AES SRC
 activate t 2 sec 'S 	he Menu Mode for Signal Routing (press ELECT')

• Press > 2 sec 'SET' to toggle between both methods

Matrix Mode ON	Matrix Mode	 AES ▲ AES ▼ 0132 3364 AES ▲ 	 AES ▲ AES ▼ 0132 3364 AES ▼ 	 AES ▲ AES ▼ AES ▼ AES ▼ O132 O132 O132 O364 MADI 01 MADI 33
Matrix Mode OFF	Standard Bank Routing	 AES ▲ AES ▼ 0132 3364 AES ▲ 	 AES ▲ AES ▼ 0132 3364 AES ▼ 	 AES ▲ AES ▲ AES ▼ AES ▼ 0132 0132 3364 3364 MADI 01 MADI 33

The activation state of the 'Matrix Mode' is monitored in the GUI and at the front panel.

See "Routing Matrix" on page 61





Configuration System Fan

The characteristics of the system fan inside the device may be configured individually.

Fan Slow	threshold temperature - fan starts at lowest speed
Fan Fast	threshold temperature - fan runs at highest speed
Enable Safe Mode	fan is always running - below threshold 'slow' the fan runs at lowest speed

The interval between 'slow' and 'fast' must amount at least to ten degrees.

Redundancy Mode

Devices with two MADI I/Os provide input redundancy. Redundancy modes:

- 1. Standard automatic port selection
- 2. Priority priority input port selected
- 3. Off forced input port selection

Mode	description	switch over	revert
Standard	The first MADI input that detects a valid signal will be used. If this input fails, the device will switch to the other input (if it is locked).	yes	no
Priority	Priority The defined <i>priority port</i> is always selected automatically if a valid signal is detected. Selection will revert to the priority port, after switch over (due to signal loss).		yes
Off Automatic selection is overriden by forcing the input selection to a specific MADI input port.		no	no

jundancy Mode –	
dundancy active	-
lundancy active	
ce to MADI 1	
ce to MADI 2	
to MADI 1	
to MADI 2	
	Jundancy Mode – Jundancy active ce to MADI 1 ce to MADI 2 to MADI 2 mmg)

Pulldown menu with five options. 'Redundancy active' is the default setting ('Standard').



The LED of the forced input port is framed by a blue rectangle.

The MADI output ports work in parallel.



the device.



USB Embedder

The USB Embedder processes remote control data between the local USB port and the MADI I/O. It can be used to control multiple devices.

) Note

The USB embedder is deactivated by default after switch on of the device. See "Embedding serial data" on page 18.

Delay Compensation

Delay compensation becomes active, if a device of the ANDIAMO series 'sees' another ANDIAMO device at its input. The 'second' device will switch to ID 02 automatically.

STATE view:

Standard B	ank Routing
Delay Con	npensation

A green label indicates activated delay compensation.



Note

Consult the 'Hardware Guide' for more information about delay compensation.

Routing Matrix



With 'Matrix Mode' enabled the settings of the matrix will effect the routing of the audio signals.

The matrix shows 32 inputs (horizontal) by 32 outputs (vertical).

INPUT	AES 132	AES 3364	MADI 132	MADI 3364	INPUT
OUTPUT	AES 132	AES 3364	MADI 132	MADI 3364	OUTPUT

There are four input pages (sources) and four output pages (destinations):

AES 132	AES inputs 1 to 32 (port 1 to 16)
AES 33.64	AES inputs 33 to 64 (port 17 to 32)
MADI 132	MADI channel 01-32 (input / output)
MADI 3364	MADI channel 33-64 (input / output)

Click the buttons to change the view of sources / destinations.

Setting / deleting crosspoints

- move the cursor to the desired position a small green square and transparent bars point the active position
- · click into the square to set / delete the crosspoint



To set more than one crosspoint you may click and hold the left mouse button and move the cursor. The pointed crosspoints will be set upon release of the mouse button.

crosspoint - output is set on the selected input page.
crosspoint - output is set on a non-se- lected input page.

Chapter 5 - Presets

About Presets

The settings of the system, routing matrix and input sensitivity (AN-DIAMO.MC) can be stored to a single file. The settings are reloaded separately from the same file. This allows to use the settings independently from each other; e.g. you may reload another routing setup without changing the clock source.

Storing Presets

			ANDIAMO Remote		- 🗆 🗙			
Cor	Command							
	Connect Offline Mode Select Device	Ctrl+C ►	Device: N/A	СОМЗ	• 0			
	Select MIDI I/O Enable MIDI I/O		NDIAMO REMOTE					
	Enable Network Save Load Settings Load Matrix Load Gain Settings Load All	Ctrl+S						

Go to 'Command - Save'

		Save As			
🔄 🦻 🗉 🕇 🚺	▶ Libraries ▶ Documents ▶ ANDIAMO	Presets v C	Search ANDIAMO	resets	Q
Organise 👻 Ne	w folder			₩	•
	^ Name	Date modified	Туре	Size	
🝓 Homegroup	settings_01.and	31/05/2013 10:49	AND File	1 KB	
	settings_02.and	31/05/2013 10:49	AND File	1 KB	
Computer	settings_03.and	31/05/2013 11:25	AND File	1 KB	
Lenovo_Record directout_word home (\\192.1 stone@smart.	ven k (* 68. ms				
File name:	settings_03.and				~
Save as type:	D.O.TEC ANDIAMO preset (*.and)				•
Hide Folders			Save	Cancel	

Enter name and click 'Save' to close the dialog.

8	ANDIAMO Remote 1.6 - settings_03.and				
Command					
CONNECTED	MATRIX	LEVELS	Device: ANDIAMO.MC	сом5 🗹 🗘	

The name of the stored setting is indicated in the title bar.

Reloading Presets

			ANDIAMO Remote		×		
Co	mmand						
	Connect Offline Mode Select Device	Ctrl+C	Device: N/A	СОМЗ	• 0		
	Select MIDI I/O Enable MIDI I/O		NDIAMO REMOTE				
	Save Load Settings Load Matrix Load Gain Settings Load All	Ctrl+S					

Go to 'Command - Load Settings' to load system settings.

or

Go to 'Command - Load Matrix' to load routing matrix.

or

Go to 'Command - Load Gain Settings' to load settings of input sensitivity.

or

Go to 'Command - Load All' to load all settings at once.

	institute & Desuments & ANDIAMO Breat		Carach AND	IAMO Deserts	0
🔊 🕘 🔹 т 📴 🖡 с	ibraries	v (Search AND	IAMU Presets	Q
Organise 👻 New fold	ler			8= -	C
☆ Favourites	Name	Date modified	Туре	Size	
Desktop	settings_01.and	31/05/2013 10:49	AND File	1 KB	
🚺 Downloads	settings_02.and	31/05/2013 10:49	AND File	1 KB	
🔛 Recent places	settings_03.and	31/05/2013 10:50	AND File	1 KB	
Libraries Documents Music Pictures Videos					
A Hamagana					
😽 Homegroup					

Select the file (.and) and click 'open' to close the dialog and proceed.

DirectOut Technologies®

Load Settings
Loading settings will overwrite all settings inside the device. Do you want to continue?
Yes No
Load Matrix
Loading settings will overwrite the matrix inside the device. Do you want to continue?
Yes No
Load Gains X
Load could be a control of the could be a could be could be could be a could be a could
Yes No
Load all sattings
Load an settings
Loading a preset file will overwrite all settings inside the device. Do you want to continue?
Yes No

A safety dialog prompts if the connection to the device is active:

- Click 'Yes' to proceed with reloading.
- Click 'No' to abort the operation.

If no device is connected (*offline mode*) reloading is executed without safety dialog.

ANDIAMO Remote 1.6 - settings_03.and -				
MATRIX	LEVELS	Device: ANDIAMO.MC	сом5 🖵 🗘	
	MATRIX	ANDIAMO Remote	ANDIAMO Remote 1.6 - settings_03.and MATRIX LEVELS Device: ANDIAMO.MC	

The name of the loaded setting is indicated in the title bar.

Offline Mode

The offline mode allows to create or modify settings without an active connection to the device.

		ANDIAMO Remote – 🗆 🗙
ommand		
Connect	Ctrl+C	
Offline Mode	•	ANDIAMO
Select Device		ANDIAMO.XT (SRC)
Select MIDI I/O Enable MIDI I/O		ANDIAMO.AC ANDIAMO.AES (SRC)
Enable Network	11	
Save Load Settings Load Matrix Load Gain Settings Load All	Ctrl+S	
About Quit	Alt+F4	

Go to 'Command - Offline Mode' and select the device to activate / deactivate the offline mode.

8		AN	DIAMO Remote	1.6	_ 🗆 🗙
Comm	and				
C	ONNECT	х	Device	a: ANDIAMO 2	сомз 💽 🗘
	ANDIAMO State	Firmware: 1.5	Temperature	: 31°C Fan Spee	d: 000000
	Clock Source	Sample rate	MADI Format	IN Level	PSU State
	75Ω SYNC	2FS	56ch	🔵 нібн	PSU 1
	🔵 - WCK - 🔵	🔵 48k	🔵 96k	low	PSU 2
	 - MADI - 1 - INT 2 	44.1 k	Bank 3364	OUT Level	SETTINGS
			132	low	
	Standard Bank Routing				
COM5			115.2	200 Bit/s	Not Connected

The status bar (bottom right corner) indicates 'Not Connected'; i.e. Offline Mode is active.



Depending on the connected device the view may differ.



'Connect' will terminate the offline mode. A safety dialog prompts before connecting:

- Click 'Yes' to overwrite all settings inside the device.
- Click 'No' to read **all** settings from device into software.

	Close Application	hine	×			
Changes made in save all settings?	Changes made in offline mode are currently not saved. Do you want to save all settings?					
	Yes	No	Cancel			

Before closing the application a safety dialog prompts:

- Click 'Yes' to save **all** changes to a preset.
- Click 'No' to discard **all** changes and close the application.
- Click 'Cancel' to continue with offline mode.

Error Messages



The selected COM port has no connection with the device. 'Disconnect' and check the connection (cabling, COM port).



Possible reason: Abnormal termination of the connection Check the cabling or if connected device has been switched off.



No MIDI device is installed. Try to connect using USB or 'Serial over MADI' (needs installed D.O.TEC® USB Serial driver).



The actual firmware of the device is not fully compatible with the version of the remote software. A firmware update is required.

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В

Bank see Standard Bank Routing

С

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D

D	
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