

LOGGER & RS 422 option for BamoPHOX

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1. FIRST COMMISSIONING

- The supplied cards with the BAMOPHOX logger monitors are ready to use.

CAUTION:

supplied cards are for exclusive use on BAMOPHOX Loggers.

YOU MUST NOT RECORD ANY OTHER DATA ON MEMORY CARDS.

In case of use for other purpose (such as memory card in camera, files saving from PC, etc.) the data from PHOXLOG won't be saved anymore until the format will be done once more (data will be lost).

Erasing the file Bamophox.log on memory card can be done only from the menu on PHOXLOG software.

- Never use Windows explorer to erase or rename the file Bamophox.log on memory card

- Never format the memory card from Windows tools.

YOU MUST FORMAT MEMORY CARD AFTER INSERTION IN BAMOPHOX.

Do not insert the memory card prior to use. Please follow the operation order like described here after:

- 1) Connect the BAMOPHOX Logger model to the main supply.
- 2) Check the clock through the main menu.
- 3) Choose the recording period.
- Locate the memory card on the upper cabinet (wall mounting) or on the rear of the panel mounting model. Only when the red LED is off, insert the memory card. Remove the memory card when red LED is lighted (recording sequence data) will damage all data.





Data recording is done every x minutes.
 During 5 seconds red LED lights on when record mode.
 When red LED is lighted, do not insert or extract the memory card.

Note: without any memory card, the logger will not record any data.

2. WIRING TO AN EXTENSION TERMINAL BAMOPHOX

Wiring from wall or panel mounting BAMOPHOX to an Extension terminal BAMOPHOX

	Main unit			E	xte	nsio	n te	rmin	al		
- Maximum length cable	13	14	15	16			13	14	15	16	
500 m	Y	Z	В	A			Y	Z	B	A	
 Wire specifications: Mains cable or 4 wires shielded cal ≥ 0,25 mm² cross section 	ble				 						







4.1 **FILES**



PHOXLOG screen







Configuration [Application	on]	
	Inputs configuration	
CANCEL	Select Measurement type Origin Identification Inout 0 Turbidity 2 Ext Nacl	
	Input 1 Plow 5 C Mast Ext Débit de Sortie	
	Input 2 Conductivity	
ОК	Input 3 🖉 NaOH 💌 🐴 🗇 Masti C Ext C_Tor	
He Configuration Measure He Configuration Measure Ple Configuration Meas	ret Logger visit Logger Visit Extractor visit Logger	
PHOXLOG V 2.19 File Configuration Measure PHOXLOG File selectic TEST_20	W12.19 [logger data file] Image: Second S	
	Cancel BAMOPHOX_Loophing X End of extraction OK	
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DATA PRESENTATION 6.

How to proceed:

First of all open your spreadsheet software.

Vormal	Mise en page Ple	erçuSautDePg sonnalisé in écran seur	🕑 Règie 💟 Quadrillage	Barre de formule Titres	Zoom	100% Zr 100% Zr 18 Zoom
	A1	• (*	f.			
1 2 3 4 5						

- go to menu tree BAMO_PHOXLOG a)

- select the file(s) with extension .xls
- rename the file(s) if necessary or double click to open it



Fic	hier Accueil	insertion	∰ ↓ Mise en page	Formules	pH_20 Données R
Nor	mal Mise en page	AperçuSautDePg Personnalisé Mein écran Jasseur	 Règle Quadrillage 	Barre de fo Titres Afflicher	rmule 🧣 Zoom
	C1	• (*	f.		
1	A	В	С	D	E
1	Logger: 20	0898-01		1	
2					
3	pН				
4					
5	Date	Time	pH	-C	
6	23/01/2008	14:24	4,31	18,5	
7	23/01/2008	14:25	4,3	18,4	
8	23/01/2008	14:26	4,3	18,4	
9	23/01/2008	14:27	4,58	15,6	
10	23/01/2008	14:28	4,68	13,6	
11	23/01/2008	14:29	4,71	15,2	
12	23/01/2008	14:30	4,73	16,1	
13	23/01/2008	14:31	4,73	16,8	

- In LOGGER choose the application Data Extraction
- Select the file *.LOG on the left side windows - then "Extraction"
- When ready valid "OK", Data Eextraction is done
- Quit the application PHOXLOG

To work with your data: same as a) sequence in the file BAMO_PHOXLOG

7 MEMORY CARD USE To procure more space on the memory of	card, it is necessary to delete old recorded data.	
<u>This operation can only be</u> to	e done after BAMOPHOX.log files downloading from memory card o computer and only after this operation.	
And this ope	peration can only be done from PHOXLOG software	
How to proceed:		
PHOXLOG V 2.19 — Opp File Configuration Measurement Logger — Olic Data Extraction — In t	pen PHOXLOG software lick on " OK " key tab Logger, choose Init./Erase file	
PHOXIOG V219 File Configuration Measurement Logger PHOXIOG V 219 [logger data file] File selection Sension log Generation Generatio	 Select file with extension .log Press "reset file" key Confirm reset by pressing "Oui" key 	_
Pesetlie		
The memory card is ready to use for recording with increased capacity.	Cencel DAMODPHICK_Logging Reset confirmation Cul No	
Parameters available for pH, ORP, Resist 1 record is: DATE / TIME / MEASUREMEN	stivity, Conductivity, Concentration, Chlorine, Dissolved Oxygen, Tu NT /TEMPERATURE	rbidity:
Parameters available for Flow rate: 1 record is: DATE / TIME / MEASUREMEN	NT /TEMPERATURE / TOTALIZATION	
Number of records: Memory card is 32 Mo capacity used on PH 1 record use (main instrument or main instr Records available: 1 521 371	PHOXLOG format, identical to 31 948 800 octets. trument + extension unit) 21 octets	
CAUTION: take caution not to overpass the - Excel is 178 000 lines, if you record on the total number of records is 1 x 60 x	ne spreadsheet capacity for data presentation if you do not use an Excel nce every minute during 123 days, x 24 x 123> 177 120 records	software.
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8. INPUTS CONFIGURATION

NOTE: except BAMOPHOX 451 LOG

WIF	RING
Panel mounting instrument (Component view)	Panel mounting
$\begin{array}{c} 10 \\ 20 \\ 30 \end{array}$ $\begin{array}{c} 1 = A \\ 2 = B \\ 3 = Z \\ 4 \\ 4 \end{array}$ $\begin{array}{c} 3 \\ 4 \\ 4 \\ 4 \end{array}$	32 33 34 35 Image: Second state st

SCREEN "Inputs configuration"

CANICE	inputs configuration		
	Select Measurement type	Origin 2 C Ext.	Identification
	Input 1 🗹 Flow	5 C Mast Ext.	Débit de Sortie
	Input 2 Conductivity	3 C Mast Ext.	pH de Sortie
	Input 3 🗹 NaOH	4 C Hast	C_Tor
ОК			
o switch on a term	ninal		Base: Main unit Ext: Extension unit
leasurement par	ameter		
Ferminal number			
The selected valu BAMOPHOX setti	e must be the same ng value.	r TAC or door	ription for terminal

B PHOXLOG		allon
Fichier Configu	V 2.10 ration Mesure Logger	
	B Confirmation (Linitan editio)	
	Port Vitesse Parité Stop © Com1 © 9600 © SANS © 1 © Com2 © 4800 © PAIRE © 2 © Com3 © 2400 © IMPAIRE	
	C Com4 Valider Abandor	n
9 PHOXLOG V 2	.10 [Mesure]	Monitoring"
	Suivi des mesures	
	pH Final 5,82 pH 20,0	°C
	Débit de Sortie Volume Journalier Volume Cumulé 188 r	°C ≺ n3 n3
ABANDON		
ABANDON	Note: If no PT100 Ω probe connected, the display constantly shows -20 °C]