EEProm Setup Record For "Barix ABCL Applications"

Application	Parameter	Offset [dec]	Dynamic Name	Length [byte]	Default Value	Short Description
All	Volume	500	B500	1	10	Linear volume in 5% steps for the range 0-100%, values 0-20
All	AD-Gain	501	B501	1	2	A/D amplifier gain in 1.5dB steps starting from -3dB (value 0) to 19.5dB (value 15)
All	Mic-Gain	502	B502	1	0	Microphone gain in 1.5dB steps starting from 21dB (value 0) to 43.5dB (value 15)
Pclient, imaster	Paging priority	508	B508	1	127	Paging priority – from 1 to 254
All	Input Mode	510	B510	1	0x82	Input Mode: 0x01 = Line In 0x02 = Mic In 0x80 = Mono
All	Encoding Type	511	B511	1	6	0 = MPEG2/22.05kHz 1 = MPEG1/44.1kHz 2 = MPEG2/24kHz 3 = MPEG1/48kHz 4 = MPEG2/16kHz 5 = MPEG1/32kHz 6 = uLaw/24kHz 7 = uLaw/8kHz 8 = aLaw/24kHz 9 = aLaw/8kHz 10 = PCM/24kHz 11 = PCM/8kHz 12 = G722/16kHz
All	Encoding Quality	512	B512	1	0	MPEG encoding quality, 0 (lowest) to 7(highest)
Pclient, iclient	Loacal instreamer	514	B514	1	0	Used to set local BGM source (set to stream at BGM start port -1)
Pclient, iclient	Max BGM Volume	517	B517	1	10	Maximum Background Music Volume. Default value:10 (50%)
Annunfdx	Streaming Mode	520	B520	1	0	Streaming mode: 0 = send always

Application	Parameter	Offset [dec]	Dynamic Name	Length [byte]	Default Value	Short Description
						1 = send on Input1 2 = respond 3 = send on level
Annunfdx Stacker	Trigger Level	521	W521	2	1000	Triggering input audio level if "send on level" is selected. Value 0 (lowest) to 32767 (highest).
Annunfdx	Inactivity Timeout	523	W523	2	1000	"Send on level" streaming stops after this number of milliseconds of no input audio signal..
Annunfdx	RTP delay	525	W525	2	100	Maximal buffer level the device keeps for playback
Annunfdx	Frame duration	527	W527	2	20	Number of data bytes transmitted in audio packets.
Annunfdx/ Intercom	Application Flags	529	B529	1	0	bit 0 = Send periodic keepalive messages. bit 1 = RTP mode on bit 2 = relay on while ringing (Intercom Master) bit 3 = relay on while talking (Intercom Master)
Annunfdx Stacker Iclient	Destination IP	530	B530, B531, B532, B533	4	0.0.0.0	Destination party (master station) IP address.
Annunfdx Stacker	Destination Rx Port	534	W534	2	3030	UDP (TCP for the Stacker app.) receiving port of the destination party.
Annunfdx	Local Rx Port	536	W536	2	3030	Local UDP receiving port.
Intercom	Station ID	538	W538	2	0	Station ID
Annunfdx Iclient	Destination IP 2	540	B540,B541,B542,B543	4	0.0.0.0	Source IP address (annunfdx) Master station 2 IP address (iclient)
Intercom iclient	Unattended/ Autohang-up Seconds	544	B544	1	3	Number of seconds before answering the call and set the mode to unattended (imaster) Number of seconds before stopping ringing if no reply from master (iclient
iclient	Relay Off Timeout, ms	545	W545	2	200	Timeout in ms for the relay to switch off after no incoming audio stream is detected
FTPUSB	Timezone	550	B550	1	0	Time shift in hours against GMT. Signed byte.

Application	Parameter	Offset [dec]	Dynamic Name	Length [byte]	Default Value	Short Description
FTPUSB	NTP Server Address	551	S551	50		IP/DNS address of the NTP server (string), including the terminating 0.
FTPUSB, FTPMP3	FTP Server Address	601	S601	50		IP/DNS address of the destination FTP server (string), including the terminating 0.
FTPUSB, FTPMP3	FTP Login	651	S651	20		FTP user name, including terminating 0.
FTPUSB, FTPMP3	FTP Passwd	671	S671	25		FTP password, including terminating 0.
FTPUSB, FTPMP3	FTP Path	696	S696	64		Destination path on the FTP server, including terminating 0.
FTPUSB	Upload Time	760	W760	2	65535	FTP upload period in minutes
FTPUSB	Command Port	762	W762	2	0	UDP command port
FTPMP3	Server Port	764	W764	2	0	Server port if different from the default one (21 for FTP or 80 for HTTP)
FTPMP3	Server protocol	766	B766	1	0	Defines the default protocol to access the server with the rescue configuration (0 – FTP, 1 - HTTP)
FTPMP3	Control page refresh enable	767	B767	1	0	Enables or disables the refresh of the control page. (0-disabled, manual refresh only, 1 - automatic)
FTPMP3	Control page refresh value	768	B768	1	5	The refresh period in seconds
FTPMP3	Volume Units	769	B769	1	0	0 – volume control in 5% steps, 1 – volume control in 1dB steps
FTPMP3	Syslog debug mode	770	B770	1	0	0 – debug disabled (less syslog messages), 1 – debug enabled (more verbose syslog messages)
Imaster	Target button 1	800	B800	1	0	Client ID for Target button 1
Imaster	Target button 2/BGM off	801	B801	1	0	Client ID for Target button 2/ Switch off BGM for the selected targets (when BGM option of the imaster activated)
Imaster	Target button 3/BGM channel 1	802	B802	1	0	Client ID for Target button 1 Switch to BGM channel 1 for the selected targets (when BGM option of the imaster activated)

Application	Parameter	Offset [dec]	Dynamic Name	Length [byte]	Default Value	Short Description
Imaster	Target button 4/BGM channel 2	803	B803	1	0	Client ID for Target button 1 Switch to BGM channel 2 for the selected targets (when BGM option of the imaster activated)
Imaster	Group key 1 address map	804-819	B804-B819	16	0	16 bytes address map for group 1 (allows addressing of clients IDs 1-128).
Imaster	Multicast Group	820-823	B820-B823	4	0	Multicast group to be used for Paging
Iclient	HDX/FDX Mode	830	B830	1	0	Half/Full duplex mode
iclient	AI_Phone	831	B831	1	0	Use AI_Phone as door station
Iclient	BGM broad/mcast address	832-835	B832-B835	4	0	BGM Broadcast address (typically multicast)
Iclient	BGM port	836	W836	2	0	BGM port for the first channel
Iclient	Available BGM channels	838	B838	1	0	Number of available BGM channels
Iclient	BGM start channel	839	B839	1	0	BGM channel to start after boot
Iclient	Min paging volume	840	B840	1	10 (50%)	Minimum volume for playing paging messages
Iclient	Relay Behaviour	848	B848	1	0	0 – always off 1 - on while ringing (not used for now) 2 - on while talking (in a call) 3 - always on,off while in a call 4 - on while in PA mode 5 - on while receiving audio stream
Iclient	Use emergency port	849	B849	1	0	Use emergency port. 0-disables, 1-enables its usage
Iclient	Emergency port	850	W850	2	5554	Emergency audio listen port
iclien/imaster	BARP audio port	852	W852	2	5555	BARP audio port

Application	Parameter	Offset [dec]	Dynamic Name	Length [byte]	Default Value	Short Description
iclient/imaster	BARP control port	854	W854	2	5556	BARP control port
iclient/imaster	BARP status port	856	W856	2	5557	BARP status port
imaster	Number of selected clients	858	B858	1	0	Contains the number of the selected clients in Group 1. This value is calculated while configuring the address map from the web UI, and stored here
imaster	Number of selected clients	859	B859	1	0	Contains the number of the selected clients in Group 1. This value is calculated while configuring the address map from the web UI, and stored here
Imaster	Group key 2 address map	860-875	B860-B875	16	0	16 bytes address map for group 2 (allows addressing of clients IDs 1-128).
Imaster	Disable unattended mode	876	B876	1	0	1 – disables the unattended mode. In this case if the unattended mode button is pressed, it goes directly in call reject mode
imaster	BGM control	877	B877	1	0	1 - enables BGM control. In this case Target ID 2,3,4 buttons are disabled, and they act as a switch to BGM channels 0,1,2
iclient/imaster	BARP IP address	878-881	B878-B881	4	0	BARP IP address. By default "0.0.0.0" (use broadcast). However, for communication between different networks, it can be set to a multicast address.
DMStreamer	FTP download time 2	882-883	B882-B883	2	0	FTP download time 1 in HH:MM format. Treat as 2 separate bytes!
DMStreamer	NTP update interval	884	B884	1	1	NTP server refresh time in hours. Default – every 1 hour
DMStreamer	FTP download time 2	885-886	B885-B886	2	0	FTP download time 2 in HH:MM format. Treat as 2 separate bytes!
DMStreamer	FTP download time 1	887-888	B887-B888	2	0	FTP download time 3 in HH:MM format. Treat as 2 separate bytes!
DMStreamer	Time zone	889	B889	1	0	Defines the time zone shift that has to be added to the NTP time: 0 - GMT-12 1 - GMT-11 2 - GMT-10 3 - GMT-09:30 4 - GMT-09

Application	Parameter	Offset [dec]	Dynamic Name	Length [byte]	Default Value	Short Description
						5 - GMT-08 6 - GMT-07 7 - GMT-06 8 - GMT-05 9 - GMT-04:30 10 - GMT-04 11 - GMT-03:30 12 - GMT-03 13 - GMT-02 14 - GMT-01 15 - GMT 16 - GMT+01 17 - GMT+02 18 - GMT+03 19 - GMT+03:30 20 - GMT+04 21 - GMT+04:30 22 - GMT+05 23 - GMT+05:30 24 - GMT+05:45 25 - GMT+06 26 - GMT+06:30 27 - GMT+07 28 - GMT+08 29 - GMT+09 30 - GMT+09:30 31 - GMT+10 32 - GMT+10:30 33 - GMT+11 34 - GMT+11:30 35 - GMT+12 36 - GMT+12:45 37 - GMT+13 38 - GMT+14
DMStreamer	Daytime saving	890	B890	1	0	Daytime saving option. When enabled, adds one hour to the current time (0 – no, 1 - yes)