# Mz-24 and Mz-24PRO Upgrade Recovery

If your firmware update failed during the firmware update and cannot switch your radio on you may have a situation where you will need to use an emergency recovery of your radio which can be done from the firmware upgrade studio.

If you do not already have the firmware and audio files on your computer, you can download them from our web site.

### mz-24

https://www.graupnerusa.com/12CH-2.4GHz-radio-with-color-and-touch-screen-and-voice-telemetry-S1006.1.html

#### mz-24 PRO

https://www.graupnerusa.com/12CH-2.4GHz-radio-with-color-and-touch-screen-and-voice-telemetry-Red-S1006.PRO.html



Download the Firmware and Voice File (Imperial or Metric Units)

Turn the transmitter off. If the power switch does not function, turn it OFF (down) and unplug the battery.

Reinstall the battery.

Connect the USB cable to the PC and transmitter. Do not turn on the transmitter at this time.

1. Click port select .... and click Ok after selecting the port

roller Menu	<b>*</b> #						
📲 Upgrade		Port Select					
— 🌵 Port Select		Port	Device Name				
🖃 🖏 Transmitter		COM3	Silicon Labs CP210x USB to UART Bridge (COM3)				
- 🕌 Firmware Upgrade							
- 🧖 User Voice Package							
- ঠ Voice Download							
Emergency			Ok Cancel				
e 🛃 Device		-					
│							

2. Click Transmitter -> Emergency. Use file browse to locate and open the file: mz-24pro\_2v021\_English.bin



3. Click Download Start

🕈 Emerg	ency Firmware Download				
E:\Down	nloads\MZ24 UPGRADE\FTP_Do	ownload \mz-24pro_2v02	1_English.bin		
	Emer	gency		Download Start	File Browse
[Proce	Connect the USB cable Press the button 'File	4 5 to the PC PORT of Browse' and select	of the device. ct the Update File (*	.bin file)	
No	Time	Log	Warning		
			i	ATTENTION !! Before starting the Emery you choose the correct fi Otherwise the device ma Do you want to continue	gency download make sure that irmware file for your device. y be destroyed! (or similar) : update procedure?
<					Yes No

- 4. Click Yes on the warning screen.
- 5. When the green bar reaches the point about half way between Time and Log, turn on the transmitter.

👚 Emerg	ency Firmware Downlo	ad		
E:\Down	nloads\/MZ24 UPGRADE\/F	TP_Download\mz-24pro_2v021_English.bin		
	Em	ergency	Download Start	File Browse
[Proce	Connect the USB of Press the button	<b>45</b> cable to the PC PORT of the device. File Browse' and select the Update	File (*.bin file)	
[Proce	ss Log ]			
No	Time	Log		
<				>
<				>

6. The update will proceed. When the update is complete, turn off the transmitter and then turn it on again.

In the next step, we will load the audio file.

# Voice File Update

### 7. Click Transmitter -> Voice Download

eller at the second	P Voice Package Download			
Opgrade V Port Select Stransmitter	[PC] System available User available Voice Version	File Browse	[ Controller ] System available User available Voice Version	File List
User Voice Package	No T Name	Size	No T Name	Size
- () Time Setup - + Model Data Emergency				
Device	4	,	٤	>
Speed Controller		0/0	system 0/0 user	0/0
- Charger				Downland
- 🍓 Ultra Series Upgrade - 🍟 Polaron AC/DC Sports Upgrade - 🍟 Polaron Charger Upgrade	No Time	Log		
Polaron Slave Board Upgrade	<		h	

8. Use file browse to locate and open the file: US-IMPERIAL.vdf

[PC]		192346			[ Con	troller		_		
Syster	n avaliable	10.52KD			Syster	n avali	able			
User a	vailable	96kb		File Browse	User a	vailabl	e		File Lis	;t
Voice	/ersion	2500			Voice	Version	1			
No	T Nam	e		Size ^	No	т	Name			Size
1	S 01.B	EEP_START		781						
2	S 02.B	EEP_SETUP		111						
3	S 03_8	BEEP_TIMER_GO		245						
4	S 04.B	EEP_CLKBEEP3		270						
5	S 05.B	EEP_CLKBEEP2		176						
6	S 06.B	EEP_CLKBEEP1		751						
7	S 07.B	EEP_CLKHIGH		183						
8	S 08.B	EEP_CLKSEC		367						
9	S 09.B	EEP_TRMCEN		593						
10	S 10.B	FFP TRMMOVE		471 *						
				,						
			11	194kb/ 1832kb (65%)	syster	n	0/0	iser		0/0
									Down	iload
No	Time		Log							
1	2017-04	-20 (09:15:42)	Voice File Ve	ersion : 2500, Voice File	Count : 2	84				

The file will stop loading at about 65%. This is normal.

9. When the green bar stops, click Download. Then Click Yes on the RF Off screen.

PC ]						[ Con	roller ]			
yster	n availe	able	1832kb			System	n avail	able	1	
lser a	vailable	e	96kb		File Browne	User a	vailabl	e	File1	int.
oice 1	Version		2500			Voice	/ersion	1		
No	Tur	Name			Size ^	No	τ	Name		Size
	e	OI BEED	START		79.1					
2	5	02.DEEP	SETLIP		111					
3	9	03 REFP	TIMER GO		245					
4	5	04.REEP	CI KREEP3		220					
5	s	OS.BEEP	CLKBEEP2		176					
6	S	06.BEEP	CLKBEEP 1		751					
7	S	07.BEEP	CLKHIGH		183					
8	s	08.BEEP	CLKSEC		367					
9	5	09.BEEP	TRMCEN		593					
10	5	10.BEEP	TRMMOVE		471 ~					
<	1981	- 20030220	1.	_	>	<				>
					11946/ 1832kb (65%)	syi RF	Off			0/0
							?	Warning! Switch-OFF your RC-m	odel!	Stop
•	Tim	ie.		Log			11.4	RF will be switched OFF.		
								Continue?		
								Var	Na	

## 10. The voice files will load.

PC]					[ Con	roller ]				
ysten	n availa	ble 1832kb			Syster	n availi	able	1832kb		
lser a	vailable	96kb		File Browse	User a	vailabl	e	96kb	Eile	• List
loice \	/ersion	2500			Voice	/ersion	,	2500		
No	т	Name		Size ^	No	т	Name			Size
1	S	01.BEEP_START		781						
2	S	02.BEEP_SETUP		111						
3	S	03_BEEP_TIMER_GO		245						
4	S	04.BEEP_CLKBEEP3		270						
5	s	05.BEEP_CLKBEEP2		176						
6	s	06.BEEP_CLKBEEP1		751						
7	S	07.BEEP_CLKHIGH		183						
8	S	08.BEEP_CLKSEC		367						
9	S	09.BEEP_TRMCEN		593						
10 <	S	10.REEP TRMMOVE		471 *	<				_	>
			1194ki	)/ 1832kb (65%)	syster	ı		0 / 0 user		0/0
Dow	nload :	ADPCM Data (94 / 59	8)						Pro	cess Stop
0	Tim	e	Log							
-	20.1	-	PE Process Paur							
	201	7-04-20 (09:23:54)	ExElash Version	e Read Sector Size (	v1000 F	lach S	ize •0v1	cd000_Sector Count:0x1cd	Voice Versio	n:2500
	201	7-04-20 (09:23:54)	ExFlash Version	Read. Sector Size:0	x1000. F	ilash S	ize.:0x1	9000. Sector Count:0x19. \	oice Version:	2500
	201	7-04-20 (09:23:54)	Download Start	Command Send, Fla	sh Initiali	re		South Sector Southoxis, a	orect relators	2000
	201	7-04-20 (09:23:55)	File Data Send S	tart	or a noon					

[PC]					[ Con	troller	]			
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lser a	vailab	le 96kb	Eile P		User a	vailabl	le 96kb		Eile List	
oice \	/ersior	n 2500	The D	ionac	Voice	/ersior	n 2500		The cloc	
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1	6	01 REED STADT		79.1						
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3	s	03 BEEP TIMER GO		245						
4	s	04.BEEP_CLKBEEP3		270						
5	s	05.BEEP_CLKBEEP2		176						
6	s	06.BEEP CLKBEEP1		751						
7	s	07.BEEP_CLKHIGH		183						
8	s	08.BEEP_CLKSEC		367						
9	s	09.BEEP_TRMCEN		593						
10	s	10.BEEP TRMMOVE		471 🗡						
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			1194kb/ 183	2kb (65%)	syster	n	0/0 us	er		0/0
Dow	nload	: File Info (6 / 6)					Download	×	Davada	
									Downic	au
0	Tin	ne	Log				File Download Con	nplete		
	20	17-04-20 (09:23:54)	Download Start Comm	and Send. Fla	ash Initiali	ze				
	20	17-04-20 (09:23:55)	File Data Send Start							
	20	17-04-20 (09:27:50)	File Info Send Start					ок		
	20	17-04-20 (09:27:52)	File Download Comple	te						
	20	17-04-20 (09:27:52)	Process Stop							

When the download is complete, you are done with the update.