

MTK952 Firmware release note v3.2

Add the PRESETs: there are 2 types of presets and all are selectable from the menu MAIN>PRESET

- PRESET 0/9:
 - editable only with the Manager from the PC,
 - loadable from Manager or Display
 - thanks to a visibility flag, it can be visible or not from the Display
- USER 0/4:
 - editable only from Display (allow to save the current configuration on the device)
 - loadable only from Display

On the same menu MAIN>PRESET are selectable the “FACTORY PRS(=PReSet)” which are the old Modes (called Mode on the previous firmware versions up to v2.3). The FACTORY PRS are not a complete configuration, but only a small part of configuration which consist in the compander and the modulation parameters. PLEASE NOTE: when a FACTORY PRS is loaded, the gain setting are always back to 0.

Presets are shared between the two transmitters.

Add RESTORE FACTORY:

The function Restore Factory on the MAIN>Advanced menu reset all the parameters of both the TX to the factory settings

Add new compander ENS-Wisy Stereo and ENS-Wisy IFB for the new IEM receiver **MPR50-IEM:**
to activate the new compander:

- select the preset ENS-Wisy Stereo on the MAIN>PRESET>FACTORY PRS> menu
or
- do a SYNC from RX->TX (the Transmitter automatically set the new compander)

Add new companders:

- COM-Wisy 50K (for compatibility with Wisycom intercom receiver with NR compander and 50K channel spacing)
- NONE-d50 and NONE-d75 (for compatibility with receiver without compander and 50µs/75µs of -de-emphasis)
- COM 12k5 (for compatibility with Wisycom or other brands of intercom receiver with no compander and 12,5KHz channel spacing)
- COM 250k (for compatibility with Wisycom or other brands of intercom receiver with no compander and 20KHz channel spacing)

Add the activation code:

To enable companders/modes on the customer premises without returning the transmitter to Wisycom factory contact Wisycom staff which will supply the special key (serial number depending) than you can manually enter through the menu Advanced>Act. Code or with the Manager.

Simplify the layout of the menu (see the Tree Menu for more details)

Change the audio gain settings: we split the audio gain Left and Right and add the Modulation gain, in order to give more margin during the gain setting especially when the input audio stereo is with 2 traces with different dynamic

Add Equalization OFF (to disable the equalizer) **and Flat** (to reset the equalizer)

Add the compander info during the SYNC:

During the sync RX \leftrightarrow TX, the RX passes also the compander.

- if SYNC RX->TX then the transmitter adapts automatically the compander settings (Mode)
- If SYNC TX->RX then the trasnmitter inform with a WARNING in case of compander mismatch

RECEIVER		MTK952		
Model	Compander	MTK952 Compatible Modes	SYNC RX→TX	SYNC TX→RX
MPR50-IEM	ENS	ENS-Wisy Stereo ENS-IFB Wisy	ENS-Wisy Stereo	Warning in TX if the Mode is not compatible
MPR30-IEM	ENR	ENR-Wisy Stereo ENR- Wisy	ENR-Wisy Stereo	
MPR30-IFB	ENR	IFB-Wisy	IFB-Wisy	
MPR30-ENG	ENR-Wis	ENR- Wisy	ENR- Wisy	
	ENC-Wis	ENC- Wisy	ENC- Wisy	

Add the receiver SYNC function to pass the Receiver parameters from TX to RX for MPR50-IEM and MPR30-IEM

on the menu MAIN>Advanced> SYNC RX parameters it is possible to set the following MPR parameters: *Outmode, Balance, Equalizer Low/High, Volume boost, Power Limit, Squelch, Quick menu* and pass then during the SYNC TX->RX

Activate the audio bar even when the transmission is OFF

Add compatibility with 250Hz or multiple (12.5kHz, 6kHz, ..) for compatibility with intercom system: it can require a reconfiguration on Wisyscom factory