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ANALOG RACK MIXER RM-1021FX

AV ELECTRONICS MARKETING SDN BHD

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RM-1021FX is the IVA first step into small, compact & rack-mountable analog mixer. With years of experience and extensive knowledge of the practical needs of the end users and the venues' need, we have built RM-1021FX from scratches to fulfil wide range of fixed installation needs. Featuring 8 XLR inputs and one single stereo input, it has plenty of input channels needed for variety of kind applications. Beside Main Outputs, it also has 2 Sub Group to enable more advance routing. It has 1 FX engine which can be sent to either Sub Group or Main. Combined with Sub Group ability to rout to Main, effectively both outputs can be furnished with the 99 DSP of the effect.



HIGH INPUT COUNT

Not a single inch of the 3.6U size are wasted. Up to 10 channels of inputs which have a whopping 8 phantom powered XLR inputs. There is a 9th XLR input which can be converted to become a stereo line input. We are proud to say that RM-1021FX has the most microphone inputs in the market in the 3.6U size.



SMOOTH FADERS

All channels come with faders for volume adjustment which give the ultimate mixing pleasure. Despite having more mic input channel than the rest, we still able to cramp fader control in each channel. We know the reason why faders are favourite. You can see the volume level from far and experience the sensation of pushing the faders. This is why faders are the criteria to incorporate into this IVA RM-1021FX design.



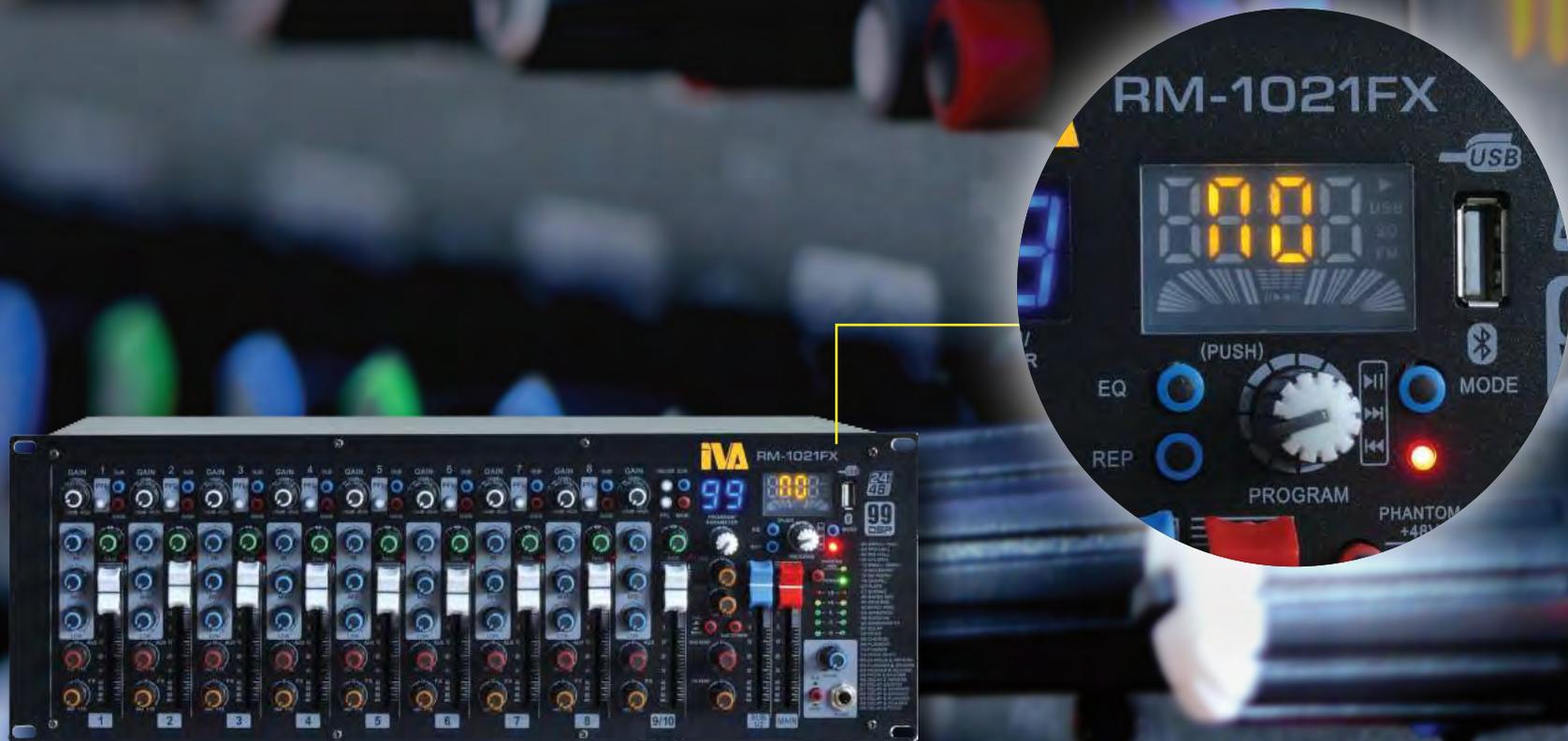
FULL EQUALIZER PER CHANNEL

3 bands of Equalizer available on each input channel to provide precise audio tuning. We fully understand the difficulty to deal with a 2-band EQ. This is why, we insisted on a 3-band EQ on our RM-1021FX.



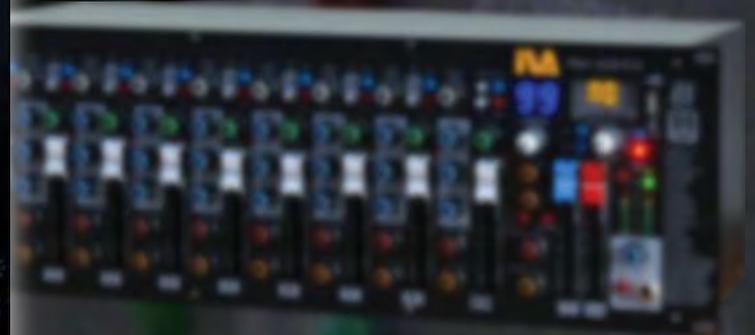
MULTIMEDIA PLAYER & USB AUDIO INTERFACE

RM-1021FX come with a multimedia hub where the users can play MP3 music through a pendrive, Bluetooth or a PC. This hub's USB can be connected to a PC to serve as a 2 in 2 out USB audio interface (cable not provided). This enable PC playback or a PC recording capability in RM-1021FX, at the fidelity of 48 kHz 16 bit.



STUDIO GRADE EFFECT (FX)

Audio effect (FX) has been integral of IVA audio mixer and RM-1021FX has no exception. We understand that there is requirement to enhance vocal performance using reverb, delay and echo FX, therefore our RM-1021FX is equipped with 99 variation of studio-grade DSP FX.



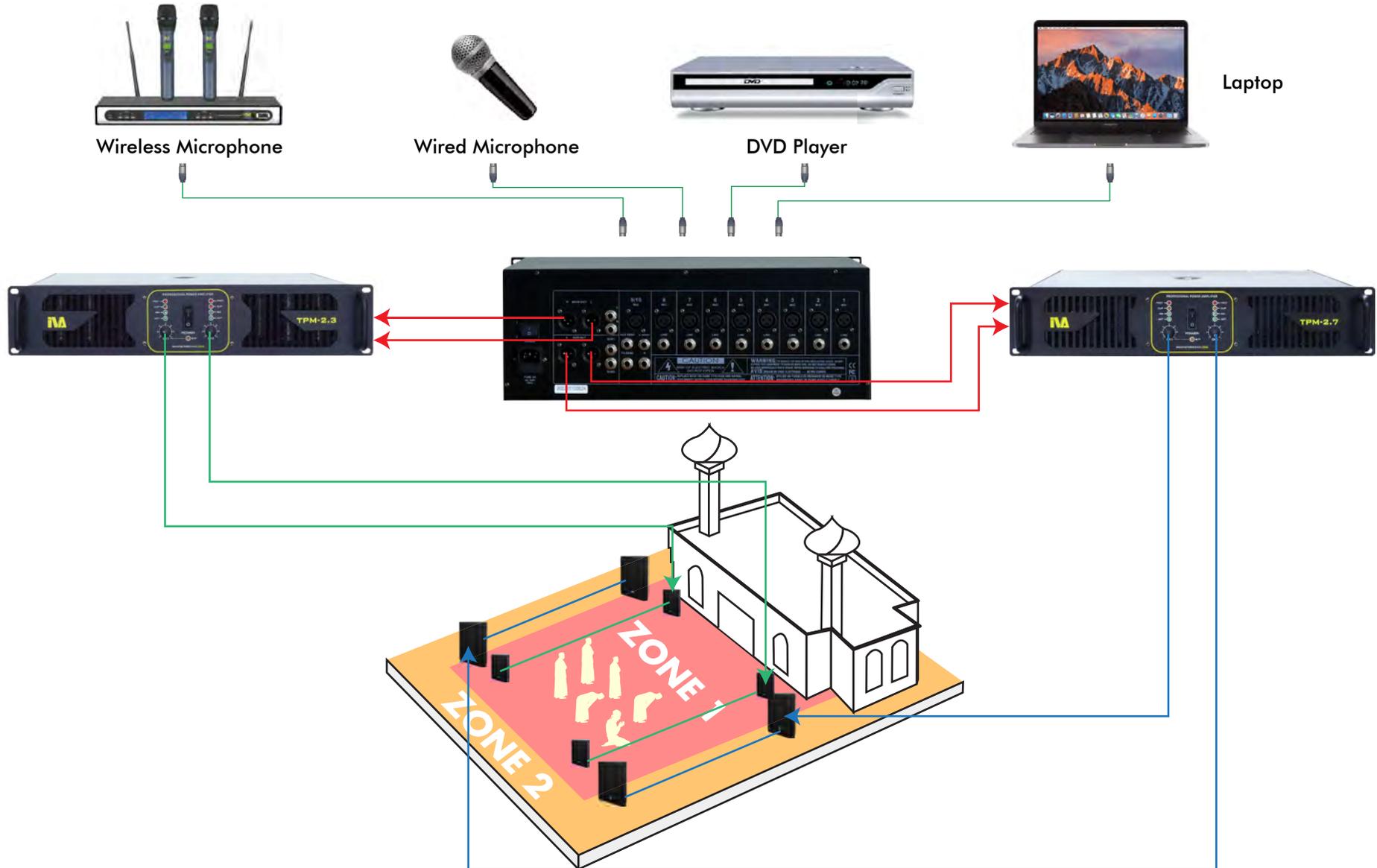
MAIN + SUB GROUP

RM-1021FX is the only 3.6U audio mixer in market that give user a 4 output buses. It gives us a stereo Main output and 2 Sub Group outputs. Users can assign and rout the input signals freely to their wish. The Sub Group signal can be routed to Main output as well. With this flexible routing, we can send the FX to Sub Group and from there send to Main Output thus making FX available in all output busses.



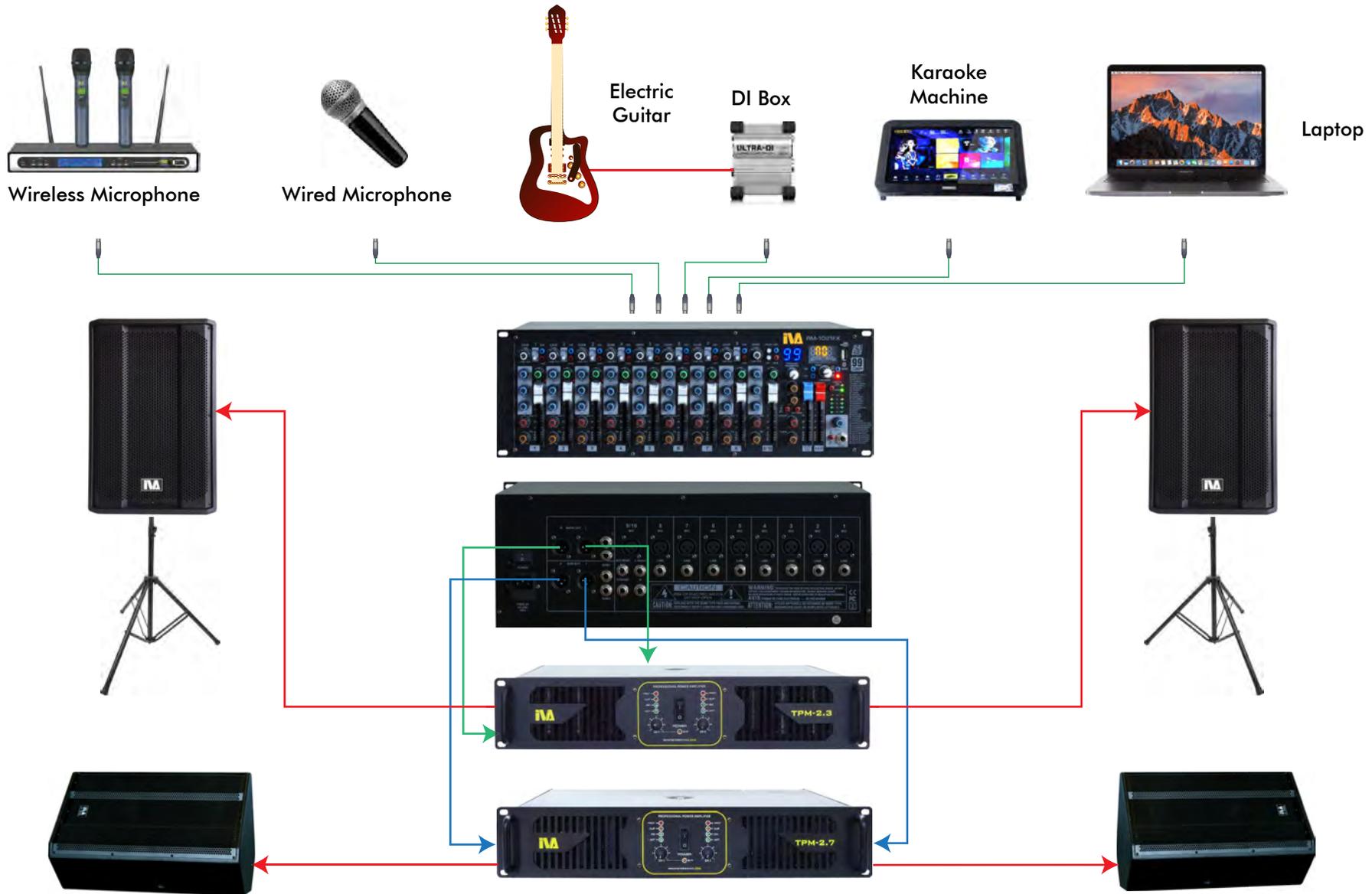
APPLICATION

FIX INSTALL



APPLICATION

LIVE EVENT



SPECIFICATIONS

RM-1021FX	
Channel	10
Mono Inputs	
Mic Input	Max 9 (Only 8 have phantom powered)
Bandwidth	10 Hz – 60 kHz +/-3dB
Distortion (THD &N)	0.01% at +4 dBu, 1 kHz, bandwidth 80 kHz
Mic E.I.N (22 Hz to 22kHz)	-129.5 dBu, 150 Ohm source
Trim Range	+ 15 dB to - 45 dB
Gain Range	0 dB to +60dB
Line Input	8 Mono, 1 stereo
Bandwidth	10 Hz – 60 kHz +/-3dB
Distortion (THD & N)	0.01% at +4 dBu, 1 kHz, bandwidth 80 kHz
Line Level Trim	+ 15 dB to - 45 dB
Line Level Gain	-23 dB to +37 dB (Normalized to 0 to 60)
48V Phantom Power	1 Master
Equalization	
Hi Shelving	12 kHz +/- 15 dB
Mid Range	2.5kHz +/- 15 dB
Lo Shelving	80 Hz +/- 15 dB
Master Mix Section	
Max Output	+ 4 dBu
Aux Send Max Out	+ 4 dBu
Signal-To-Noise Ratio	112 dB on all channels
Auxes	1
Groups	2
FX	1 x 99 DSP
Multimedia	USB Pendrive MP3 Player, Bluetooth
USB Audio Interface	Shared with Multimedia Hub, 2 in 2 out 48 kHz 16 bit
Power Supply	
Main Voltages	UK / Malaysia 240 V AC, 50 Hz
Dimension (WHD) *	445mm x 160mm x 220mm
Rack Unit Size	3.6 U
Packaging Dimension (WHD)	550mm x 210mm x 290mm
Gross Weight	7kg
Net Weight	6kg

* Exclude rubber feet