




**mini-amp** design to customer spec is available

**Amplifier Specification**

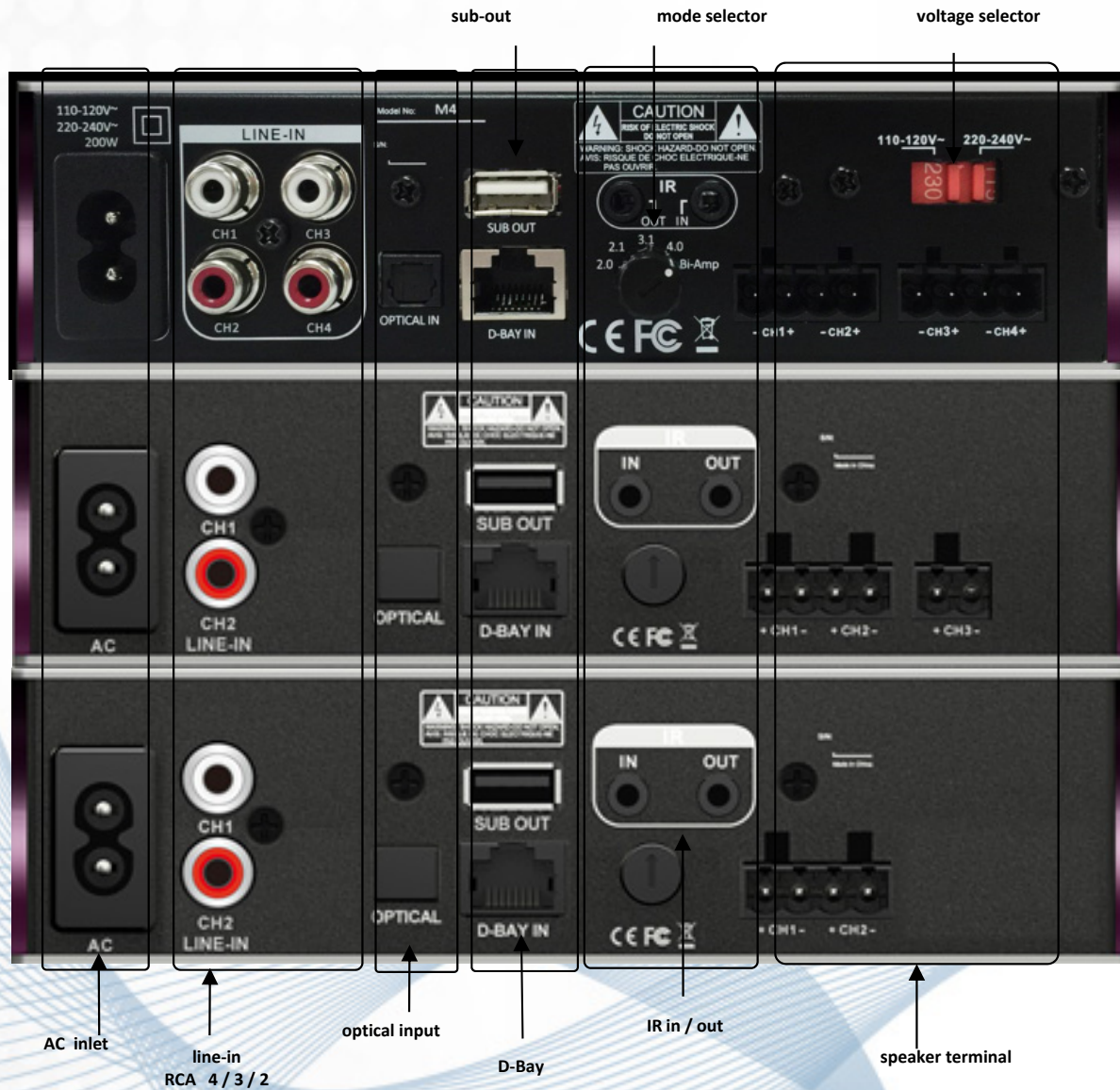
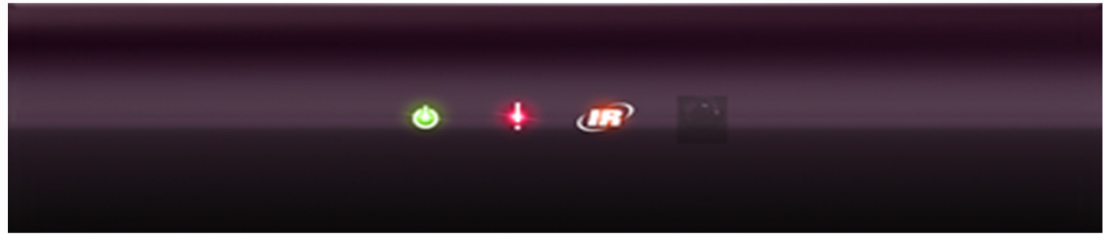
**M4**

<i>feature</i>  	number of channel	<b>4</b>	can be used for 4.0 / 3.1 / 2.1 / 2.0 and bi-amp
	max device output	200w	
	DSP & EQ	Yes	
	audio input	RCA + toslink	toslink can be replaced by co-ax upon request
	sub-out	wire + air	
	Digi-bay	Yes	
	IR control	Yes	

<b>A</b>	# of channel	<b>4</b>	4.0/3.1/2.1/2.0/ bi-amp x 2		
	maximum device-output power	200w			
	DSP (pre-amp)	ADI 1761			
	power amplifier	class D			
	type of power supply	switching mode			
	remote control	IR <sup>(use handset)</sup>	dual receivers	window on front / 3.5mm on back	
		learning	Yes	<b>only when BLE is implemented</b>	
	audio IO (TERMINAL)	input	line-in	4	RCA
			optical	1	toslink
			coax	optional	avialable per request
			AUX	RJ-45	balance-in x 2; UART for data; DC12V output
		output	speaker	4 pairs	Euro block
			sub-out	(via RF transimmission)	(see air-out below)
	display	power	1	LED; red:off; green: ON	
		function status	1	blue: blinking during control	
		error / warning	1	red: flashing in error	
	DC12 tirgger	in	Yes		
		OUT	Yes		
	audio trigger	mode	ON / off / auto	setup via FW	
		setting	Yes	mode (on-off-auto) / time; setup by FW	
AC line	operation voltage	110V / 220V	+ -10%; manual switch		
	master switch	<b>no</b>			
Others					

<b>s p e c i f i c a t i o n</b>	rated output per channel (watts)	mode selection by rotary switch	2.0	100 / 100	L/R	into 2-ohm load
			2.1	40 / 40 / 75	L/R/sub	2-ohm for sub channel
			3.1	30 / 30 / 25 / 65	L/R/C/sub	4-ohm load for all CHs
			4.0	50 / 50 / 50 / 50	FL/FR/RL/RR	4-ohm load for all CHs
			bi-amp	(15W+50W) x 2	(tweeter + woofer)	4-ohm load for all speakers
	DSP function	crossover setting	yes	for bi-amp and sub-out		
		EQ	yes			
		subsonic	yes	subwoofer output		
		delay	yes	subwoofer output		
		phase	yes	subwoofer output		
		slope	yes	crossover, subsonic, EQ		
		output limiter	yes			
		night mode	yes			
		input priority	yes			
	audio trigger	yes	ON, off, auto			
	protection with auto-reset	yes				
	Total harmonic distortion @ full power (20 - 20K Hz)	8 ohms	1%			
		4 ohms	1%			
Signal-to-noise ratio	dB	> 90dB	A-weighted			
Input sensitivity	mV	1000	500~1000mV, software setup			
amplifier dimension (mm)	width	138.0				
	height	44.5	1 U high			
	depth	180.0				

# M4 . M3 . M2 panel overview



• m4 ... 4.0 / 3.1 / 2.1 / 2.0

• m3 ... 2.1 / 2.0

• m2 ... 2.0