

# Ready for Every Moment



Designed to support you in everyday moments and unexpected situations alike, the SANGEAN MMR Series provides reliable access to information and reassurance when it's needed most.

**SANGEAN**  
SINCE 1974

# Ready for Outdoor Adventures



**MMR-99**

**Adventure Without Limits**



**Bluetooth** **IP55** Dustproof Waterproof



**MMR-88**

**Built for the Journey Ahead**

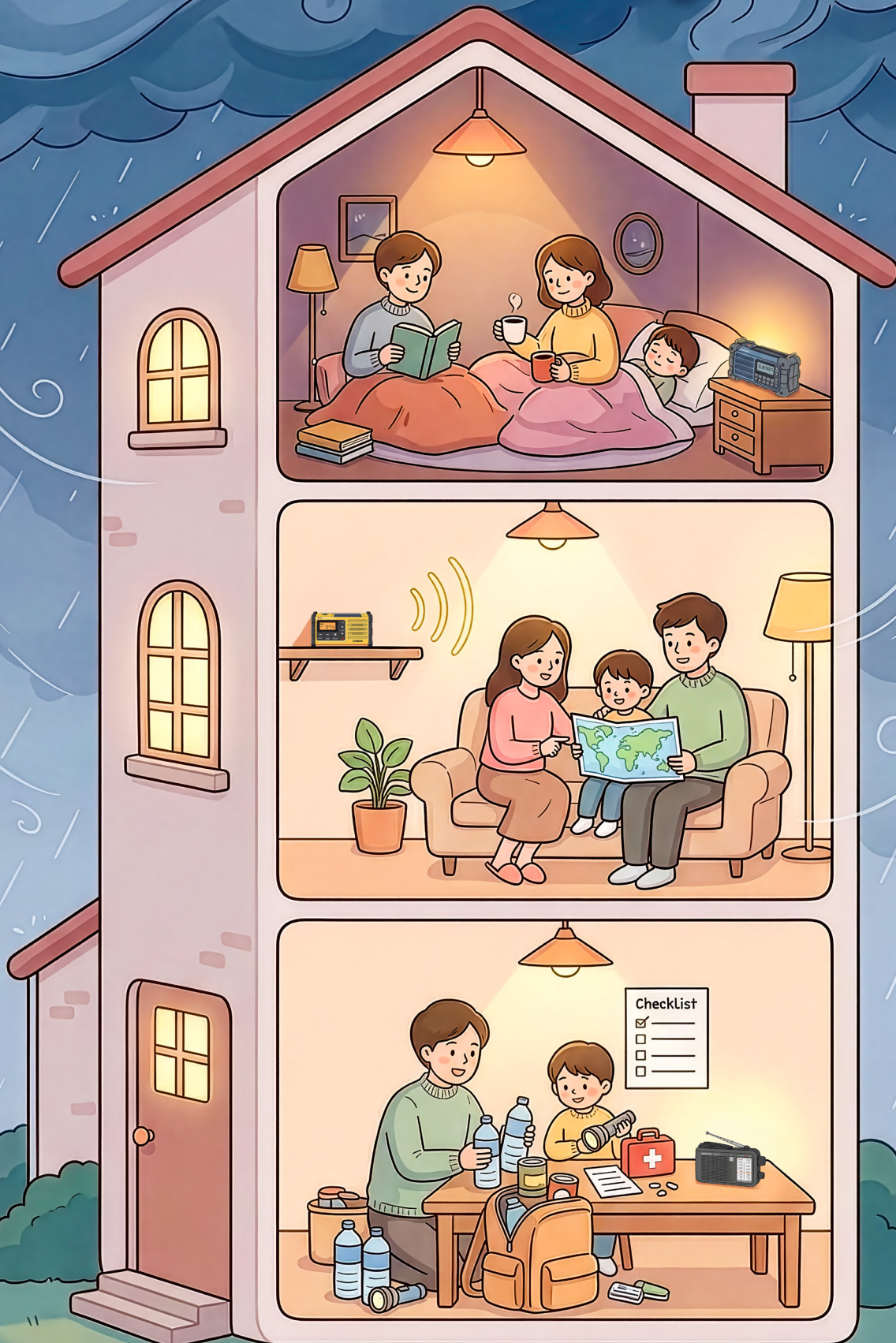


**MMR-77**

**Light Adventures Simple Comfort**



# A Presence You Can Rely On



Preparation brings calm. With trusted information and support close at hand, the MMR Series helps you stay steady and confident when it matters most.



# MMR-77

EU version AM / FM

US version AM / FM

Compact and lightweight, the MMR-77 is designed to be comfortably held in one hand, making it ideal for picnics and casual outdoor moments. Its intuitive hand crank and sensitive AM/FM receiver deliver reliable sound wherever you go. When power isn't available, the hand crank ensures you stay informed with ease.

[PRODUCT INFO ▶](#)



# MMR-88

EU version AM / FM

EU version DAB+ / FM-RDS

US version AM / FM / Weather Alert

Built for hiking and extended outdoor adventures, the MMR-88 features a rugged, shock-resistant design made to handle demanding terrain. Solar charging and a dynamo hand crank provide reliable power support wherever the trail takes you. When conditions become challenging, the LED flashlight with SOS mode and emergency buzzer offer extra reassurance.

[PRODUCT INFO ▶](#)



# MMR-99








EU version AM / FM-RDS / Bluetooth / AUX

EU version DAB+ / FM-RDS / Bluetooth / AUX

US version AM / FM-RDS / Bluetooth / AUX / Weather Alert

Designed for camping and serious outdoor exploration, the MMR-99 delivers premium performance with solar charging, hand crank power, and wireless Bluetooth streaming. Its weather-resistant design and advanced tuning system keep you powered, informed, and entertained at the campsite. When unexpected situations arise, the multi-mode LED flashlight and power bank capability provide reliable backup support.

[PRODUCT INFO ▶](#)

MODEL		MMR-77	MMR-88	MMR-88 FCC	MMR-88 DAB+	MMR-99	MMR-99 FCC	MMR-99 DAB
IMAGE								
SALES REGION		Europe and Other Markets US Market	Europe and Other Markets	US Market	Europe and Other Markets	Europe and Other Markets	US Market	Europe and Other Markets
COLOR		● Matt Black (EU version) ○ Clear (US version)	● Yellow	● Yellow	● Yellow	● Desert Tan ● Forest Green	● Forest Green	● Midnight Black ● Ocean Blue ● Arctic Camo
TUNER	FM Frequency (MHz)	87.5-108	87.5-108	87.5-108	87.5-108	87.5-108	87.5-108	87.5-108
	FM RDS / RBDS	-	-	-	PS / PTY / RT / CT	PS / CT	PS / CT	PS / PTY / RT / CT
	AM/MW Frequency (kHz)	530-1710 (9k) - EU version 530-1710 (10k) - US version	522-1710 (9k)	520-1710 (10k)	-	522-1710 (9k) / 520-1710 (10k)	522-1710 (9k) / 520-1710 (10k)	-
	DAB / DAB+ Channel Block	-	-	-	5A-13F	-	-	5A-13F
	Weather Band Channel	-	-	1-7 (162.40-162.55 MHz)	-	-	1-7 (162.40-162.55 MHz)	-
TUNING	Memory Presets	-	19 (AM / FM Mixed)	19 (AM / FM Mixed)	40 (20 FM / 20 DAB)	40 (20 AM / 20 FM)	50 (20 AM / 20 FM / 10 WX)	40 (20 FM / 20 DAB)
	Rotary Tuning	○	-	-	-	-	-	-
	Auto Tuning System / Seek Tuning	-	○	○	○	○	○	○
MEDIA	Aux-in	-	-	-	-	○	○	○
	Bluetooth	-	-	-	-	○	○	○
BLUETOOTH	Version	-	-	-	-	5.0	5.0	5.0
	Codec	-	-	-	-	SBC	SBC	SBC / AAC
	AVRCP	-	-	-	-	Play / Pause / Previous / Next / Rewind / Forward	Play / Pause / Previous / Next / Rewind / Forward	Play / Pause / Previous / Next / Rewind / Forward
	A2DP	-	-	-	-	○	○	○
CLOCK	Real Time	-	-	-	Radio	Radio	Radio	Radio
	Alarm	-	-	-	-	1 Set (HWS)	1 Set (HWS)	1 Set (HWS)
	Snooze	-	-	-	-	○	○	○
	Sleep Timer	-	-	-	-	○	○	○
	Auto Shut Off	-	○	○	-	○	○	○
DISPLAY	Type	Dial Scale	LCD	LCD	LCD	LCD	LCD	LCD
	Size (mm/inch)	-	40 x 19.5 / 1.57 x 0.77	40 x 19.5 / 1.57 x 0.77	32.6 x 16.5 / 1.28 x 0.65	59 x 26 / 2.32 x 1.02	59 x 26 / 2.32 x 1.02	57.4 x 24.4 / 2.26 x 0.96
	Graphic / Character Type	-	Segment	Segment	Graphic	Segment	Segment	Segment
	Backlight	○	○	○	○	○	○	○
	Adjustable Screen Contrast	-	○	○	○	-	-	-
	Battery Level Indicator	-	○	○	○	○	○	○
	LED Tuning Indicator	○	○	○	-	-	-	-
	LED Low Battery Indicator	-	○	○	○	-	-	-
LED Charging Indicator	○	○	○	○	○	○	○	
AUDIO	Speaker Size	50mm / 2"	40mm / 1.57"	40mm / 1.57"	38mm / 1.5"	57mm / 2.25"	57mm / 2.25"	57mm / 2.25"
	Speaker Impedance	8 ohm	8 ohm	8 ohm	8 ohm	4 ohm	4 ohm	4 ohm
	Speaker Output (AC or DC Powered)	-	0.4W	0.4W	0.4W	2W	2W	1.5W
	Speaker Output (Battery Powered)	0.1W	0.4W	0.4W	0.4W	1.5W	1.5W	1.5W
	Speaker Output (Max)	0.4W	1W	1W	1W	5W	5W	5W
	Amplifier (A / B / AB / D)	Class AB	Class AB	Class AB	Class D	Class AB/D	Class AB/D	Class D
	Earphones	1mW x 2 (EU version) 8mW x 2 (US version)	1.5mW x 2	1.5mW x 2	1mW x 2	1mW x 2	1mW x 2	1mW x 2
	Stereo	Earphones	Earphones	Earphones	Earphones	Earphones	Earphones	Earphones
Loudness	-	-	-	-	Switchable	Switchable	Switchable	
ACCESSORIES	Charging Cable	-	USB-A to USB-C	USB-A to Micro USB	USB-A to USB-C	USB-A to USB-C	USB-A to USB-C	USB-A to USB-C
	External FM Antenna	Telescopic Antenna	Telescopic Antenna	Telescopic Antenna	FM Wire Antenna	Telescopic Antenna	Telescopic Antenna	Telescopic Antenna
	Hand Strap	-	○	○	○	○	○	○
I/O SOCKET	Aux-in (3.5mm)	-	-	-	-	○	○	○
	Earphone (3.5mm)	○	○	○	○	○	○	○
	USB Socket Type	-	USB Type-C (1) / USB Type-A (2)	Micro USB (1) / USB Type-A (2)	USB Type-C (1) / USB Type-A (2)	USB Type-C (1) / USB Type-A (2)	USB Type-C (1) / USB Type-A (2)	USB Type-C (1) / USB Type-A (2)
	USB Socket DC In	-	○ (1)	○ (1)	○ (1)	○ (1)	○ (1)	○ (1)
	USB Socket DC Out	-	○ (2)	○ (2)	○ (2)	○ (2)	○ (2)	○ (2)
OTHER FEATURE	Hand Crank Power Mechanism	○	○	○	○	○	○	○
	Dust & Water Resistance	-	-	-	-	IP55	IP55	IP55
	Flashlight	-	○	○	○	○	○	○
	Solar Power Panel	-	○	○	○	○	○	○
	Siren	-	○	○	-	○	○	○
POWER SUPPLY	AC / DC	DC-in 3V/0.2A	DC-in 5V/0.5A	DC-in 5V/0.5A	DC-in 5V/0.5A	DC-in 5V/2.4A	DC-in 5V/2.4A	DC-in 5V/2.4A
	Battery	2x AA 1.5V	18350 Li-Ion Battery 3.7V/850mAh	18350 Li-Ion Battery 3.7V/850mAh	18350 Li-Ion Battery 3.7V/850mAh	18650 Li-Ion Battery 3.7V/2600mAh	18650 Li-Ion Battery 3.7V/2600mAh	18650 Li-Ion Battery 3.7V/2600mAh
	Battery Life (Speaker playback time on built-in battery)	65 Hours (Alkaline + NiMH Battery)	16 Hours	16 Hours	8 Hours	48 Hours	49 Hours	26 Hours
	Battery Rechargeability	○	○	○	○	○	○	○
DIMENSIONS	Width (mm/inch)	167.2 / 6.58	152.2 / 5.99	152.2 / 5.99	152.2 / 5.99	202.8 / 7.98	202.8 / 7.98	202.8 / 7.98
	Height (mm/inch)	89.8 / 3.54	84.9 / 3.34	84.9 / 3.34	84.9 / 3.34	113.7 / 4.48	113.7 / 4.48	113.7 / 4.48
	Depth (mm/inch)	52.6 / 2.07	69 / 2.72	69 / 2.72	69 / 2.72	89.4 / 3.52	89.4 / 3.52	89.4 / 3.52
	Weight (g/lb)	329 / 0.73	377 / 0.83	377 / 0.83	376 / 0.83	909.5 / 2.01	909.5 / 2.01	837 / 1.85