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SANGEAN

PRODUCT CATALOGUE 2020 / 21

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sangean.com.au

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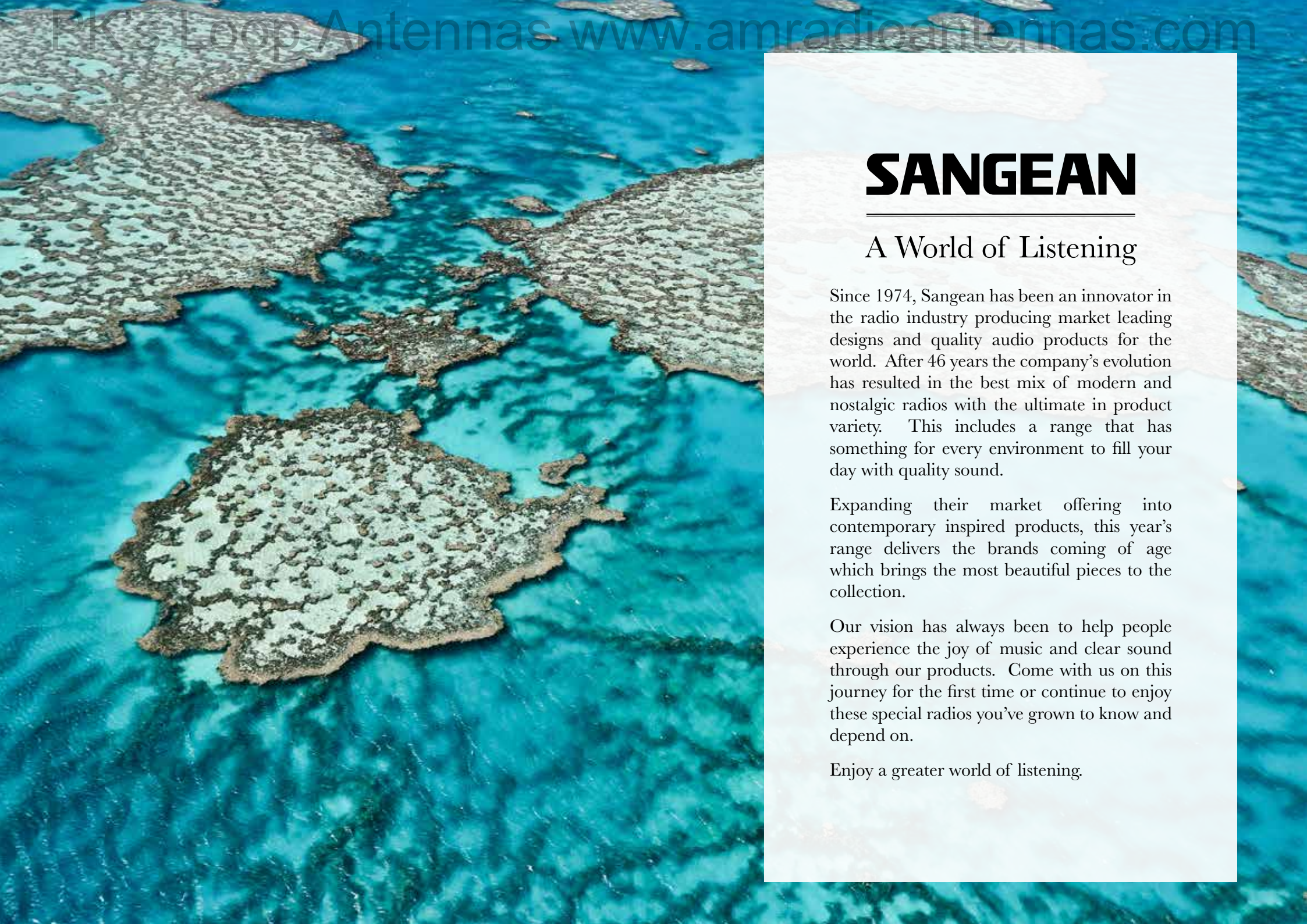

SANGEAN

A World of Listening

Since 1974, Sangean has been an innovator in the radio industry producing market leading designs and quality audio products for the world. After 46 years the company's evolution has resulted in the best mix of modern and nostalgic radios with the ultimate in product variety. This includes a range that has something for every environment to fill your day with quality sound.

Expanding their market offering into contemporary inspired products, this year's range delivers the brands coming of age which brings the most beautiful pieces to the collection.

Our vision has always been to help people experience the joy of music and clear sound through our products. Come with us on this journey for the first time or continue to enjoy these special radios you've grown to know and depend on.

Enjoy a greater world of listening.

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TABLE-TOP RADIOS

Sangean's range of table top radios cater to all shapes and sizes for any room of your home. With unique styling and quality craftsmanship, your new Sangean table top radio will add the ultimate finish to any space in your home.

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WR-45X

We present to you the WR-45X. This beautifully styled radio will fill your day with high quality sound and effortless charm whilst bringing a hint of style to any space. Listening to your favourite stations like never before with its specially design gramophone horn, housed in a classical real wood veneer cabinet.

Also comprising the latest Bluetooth technology, the WR-45X opens up contemporary design whilst offering playback of all your wireless audio streaming services. Fill your entire day with pure joy with the powerful battery offering up to 25-hours playback.

Prepare to be amazed.

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WR-7

Enclosed in the most charming cabinet, the WR-7 is a great little companion that is small enough to take just about anywhere and loud enough to fill a room. Although petite in size, this enduring radio holds a classic look with the Sangean performance you've come to expect.

Finished in an acoustically tuned wooden cabinet with passive speaker, the simple dial control offers seamless station navigating, an Auxiliary input for external device and Bluetooth for wireless audio streaming. This radio is full of surprises, including a market leading up to 36-hour battery life once fully charged.

Immerse yourself in this retro gem.

UP TO
36 HOUR
BATTERY LIFE

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DDR-7

This contemporary and modern design radio delivers more for less with its supreme inbuilt digital radio which expands your choices with more stations. The small form factor delivers refined performance complemented by the acoustically tuned wooden cabinet. You can listen to your own music via an AUX input or connect any compatible Bluetooth device for wireless audio streaming.

Get everything you need in this Metro inspired masterpiece.

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WR-45X

FM / Bluetooth / Aux-in Radio

RETRO by SANGEAN

- Premium finish and trim
- Classic FM band tuner
- Bluetooth wireless audio streaming
- Tuning and charging LED
- Lithium-Ion 3.6 V Battery
- Large retro style LP tuning dial
- Bass reflex tube for richer bass
- Auxiliary input for additional audio sources
- External FM wire antenna
- Micro USB charging cable included
- Up to 4 watts output via mains power

Bluetooth® Rechargeable

WR-45

FM / Bluetooth / Aux-in Radio

RETRO by SANGEAN

- Classic FM band tuner
- Bluetooth wireless audio streaming
- Tuning and charging LED
- Lithium-Ion 3.6 V Battery
- Large retro style LP tuning dial
- Bass reflex tube for richer bass
- Auxiliary input for additional audio sources
- External FM wire antenna
- Micro USB charging cable included
- Up to 2 watts output via mains power

WHITE BLACK

Bluetooth® Rechargeable

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WR-7

FM / Bluetooth / Wooden Cabinet Radio

RETRO by SANGEAN

- Classic wood cabinet
- Bluetooth wireless audio streaming
- Acoustically tuned wooden cabinet with passive speaker
- External FM wire antenna and micro USB charging cable included
- Auxiliary input for additional audio sources
- Up to 36 hours of battery life

WALNUT MATT BLACK

Bluetooth Rechargeable

DDR-7

DAB+ / FM-RDS / Aux-in / Bluetooth Wooden Cabinet Radio

METRO by SANGEAN

- DAB+ and FM band tuner
- Classic real wood veneer cabinet
- Bluetooth wireless audio streaming
- Easy to read OLED display with backlight
- Battery charging and Bluetooth pairing LED indicators
- Acoustically tuned wooden cabinet with passive speaker
- Auxiliary input for additional audio sources
- External FM wire antenna and micro USB charging cable included

DARK WOOD GLACIER SILVER

dab+ R·D·S

Bluetooth Rechargeable

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DDR-66

Internet Radio / DAB+ / FM-RDS* / CD / USB / SD / Aux-in
Bluetooth Tabletop Stereo Music System

- High resolution 3.2" colour TFT LCD display with backlight
- 30 station presets (10 iRadio, 10 DAB+, 10 FM)
- Bluetooth technology Version 3.0 class II
- Acoustically tuned wooden cabinet
- Wi-Fi Dual-band 5G / 2.4G antenna
- Control via Sangean® Undok app compatible with Apple and Android devices
- Slot in CD MP3 / WMA playback – ripping function to SD card / USB
- SD card / USB MP3 playback and recording from radio and media sources
- Network music player (UPnP)
- Supports aptX® decoding for high fidelity music and low latency
- Aux-in for external audio devices
- 2 alarm timers by radio, buzzer or media (CD / USB / SD card)

DDR-47

DAB+ / FM / CD / USB / SD / Bluetooth Tabletop Stereo Digital Radio

- 20 station presets (10 x DAB+, 10 x FM-RDS)
- Bluetooth wireless audio streaming
- Ultimate Bluetooth audio with aptX® and AAC
- Slot in CD MP3 / WMA playback - ripping function to SD card / USB
- SD card / USB MP3 playback and recording from radio and media sources
- Easy to read LCD display with adjustable backlight
- Acoustically tuned wooden cabinet
- 2 alarm timers by radio, buzzer or media (CD, USB or SD card)
- Full function remote control
- Aux-in for external audio devices
- Line-out jack for audio amplified speaker system
- One USB jack provides power (5V / 1A Max) for USB phone charging
- Control via Sangean® Undok app compatible with Apple and Android devices

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RCR-5

FM / AM / Digital Tuning Clock Radio

- AM / FM PLL tuner
- With 10 Station presets (AM x 5 / FM x 5)
- 2 wake up timers
- Sleep timer
- Nap timer
- Easy to read LCD with back light
- Snooze function
- Radio alarm
- Humane Waking System buzzer alarm
- Weekday / Weekend / Daily and Once Alarm setting
- Headphone connection
- AUX-In for iPod / MP3 playback
- Available in Black and Silver

BLACK ● SILVER ●

DCR-89

DAB+ / FM-RDS Digital Clock Radio

- FM and DAB+ / Digital Radio Plus
- Superior reception and sound quality
- 2 x Alarm Timers with Daily, Once, Weekdays, Weekends options
- Snooze timer
- Auxiliary input for external audio devices
- Line-out for playback through other equipment
- 5 station presets per band (Total 10)
- Adjustable display brightness
- Menu Display for selection of major functions
- Stereo sound through headphone jack
- USB phone charging

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WFT-3D

Digital Component Tuner

- High resolution 3.2" colour display
- Internet radio with Wi-Fi and wired LAN connection
- 15 station presets (5 DAB+, 5 FM and 5 iRadio)
- Supports over 200,000 Podcasts and "listen-again" services
- Album artwork and internet radio station logo display
- MP3 and WMA playback via USB host music player
- UPnP music streaming (DLNA 1.5 compliant)
- Real time clock synchronized with NTP (Network Time Protocol)
- 2 Alarm timers (DAB+ / FM / Internet radio or buzzer) with snooze function and sleep timer
- Equipped with an infrared remote control
- Stream Spotify through your radio and use the Spotify app as a remote (Spotify Premium subscription is required)

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MODEL			WR-45X	WR-45	WR-7	DDR-7	DDR-66BT	DDR-47BT	WFT-3D	RCR-5	RCR-24	DCR-89
TUNER	DAB / DAB+	Channel Block				5A - 13F	5A - 13F	5A - 13F	5A - 13F			5A - 13F
	FM	Frequency (MHz)	87.5-108	87.5-108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108
		RDS / RBDS				PS / PTY / CT / RT	PS / PTY / CT / RT	PS / PTY / CT / RT	PS / PTY / CT / RT			PS / PTY / CT / RT
	AM / MW	Frequency (kHz)								522 - 1710	522 - 1710	
	WiFi	IEEE 802.11 b / g (GHz)					2.4GHz / 5GHz		2.4GHz / 5GHz			
	Ethernet	IEEE 802.3					●		●			
		Internet Radio					vTuner		vTuner			
		Media Player					UPnP		UPnP			
	Memory Presets						30 (10 iRadio, 10 FM & 10 DAB)	20 (10 FM & 10 DAB)	15 (5 iRadio, 5 DAB+ & 5 FM)	10 (5 FM, 5 AM / MW)	15 (5 FM1 / 5 FM2 & 5 AM)	10 (5 FM & 5 DAB)
MEDIA	CD	CD / CD-R / CD-RW					CD / MP3 playback	CD / MP3 playback				
	SD						●	●				
	USB Play-back						●	●	●			
	Aux-in		●	●	●	●	●	●	●	●	●	●
	Bluetooth		●	●	●	●	●	●				
BLUETOOTH		NFC					●					
		AVRCP (Play & Pause)					●	●				
		aptX®					●	●				
AUDIO DECODING		Internet Radio					MP3 / WMA / Real Audio		MP3 / WMA / Real Audio			
		Media Player					MP3 / AAC / WMA		MP3 / WMA			
		CD / SD / USB					CD / SD / USB	SD / USB	USB			
CLOCK		Real Time				●	●	●	●	●		●
		Alarm					●	●	●	●	●	●
		Snooze					●	●	●	●	●	●
		Sleep				●	●	●	●	●	●	●
FEATURE		Stereo					●	●	●	Earphones	●	Earphones
		Spotify					●		●			
		Record - SD Card / USB Stick					●	●				
		Rechargeable	●	●								
AUDIO Sound Effect		Treble / Bass Control					●	●	●			
		EQ					●	●	●			
OUTPUT POWER		Output Power	DC in, FM: 3.5W, Bluetooth & Aux: 4W		FM:1.4W (CLASS AB)	2W	7W x 2	7W x 2	5W x 2	0.6W	0.5W x 2	0.5W
		Batteries Output Power	FM: 1.4W (CLASS AB) BLUETOOTH & AUX = 1.6W (CLASS D)	FM:1.4W (CLASS AB) BLUETOOTH & AUX: 1.6W (CLASS D)	BLUETOOTH & AUX: 1.6W (CLASS D)	1.6W						
		Earphones Output Power					3mW x 2	5mW x 2	1mW x 2	3mW x 2	3mW x 2	5mWx 2
		Class D Amplifier	●	●		●	●	●				
SPEAKER		Size	2 inches	2 inches	1 1/2 inches	1 1/2 inches	3 inches x 2	2 1/2 inches		3 inches	2 1/4 inches x 2	3 inches
		Impedance	4 ohms	4 ohms	4 ohms	4 ohms	8 ohms	8 ohms		8 ohms	8 ohms	8 ohms
I/O SOCKET		Power	DC IN: 7.5V/1.5A	USB in		DC - in (Micro USB)	AC - in	AC - in	AC - in	DC - in	DC- in	DC - in
		Aux - in	●	●	●	●	●	●	●	●	●	●
		Line - out					●	●	●			●
		SPDIF out					●					
		Earphones					●	●	●	●	●	●
		SD					●	●				
		USB		● (CHARGE)	● (CHARGE)	● (Charge DC in/ Update Software)	●	●	USB A - Phone Charging and Playback			USB A - Phone Charging
		Ext. Antenna	FM EXT ANT (3.5mm Jack)	FM EXT ANT (3.5mm Jack)	FM EXT ANT (3.5mm Jack)	FM EXT ANT (3.5mm Jack)	WiFi / F Type (DAB / FM)	F Type	WiFi / F Type (DAB+ / FM)	FM Wire Antenna	FM Wire Antenna	DAB / FM Wire
		Ethernet					●		●			
POWER SUPPLY		Mains Power Supply	DC IN ADAPTOR 7.5V/1.5A	DC Input: MICRO USB 5V / 1A	DC Input: MICRO USB 5V / 1A	DC Input MICRO USB 5V / 1A	AC 100-240V	AC 230V 50Hz	AC	DC 6V / 0.4A	DC 7.5V / 0.8A	DC 6V / 0.8A
		Batteries (Main Power)	Built-in Li-Ion 3.6V / 2600mAh Battery	Built-in Li-Ion 3.6V / 2600mAh Battery	Built-in Li-Ion 3.6V / 2600mAh Battery	Built-in Li-Ion 3.6V / 2600mAh Battery						
		Batteries (Back up)										
		Micro USB DC IN		●	●	●						
ACCESSORIES		AC Cord					●	●	●			
		Power Adapter	7.5V/1.5A							AC to DC	AC to DC	6V / 0.8A
		Remote Control Unit					● (Remote + APP)	●	●			
		Ext. Antenna	● (FM ANT WIRE)	● (FM ANT WIRE)	● (FM ANT WIRE)	● (FM ANT WIRE)						
		Others		Micro USB Charging Cable	Micro USB Charging Cable	Micro USB Charging Cable			●			
DIMENSIONS		Width (mm)	145.0	145.0	116.0	116.0	356	326.0	430.0	172.0	172.0	172.0
		Height (mm)	254.0	254.0	65.0	65.0	121.5	108.0	75.5	55.5	90.0	55.5
		Depth (mm)	93.0	93.0	73.5	74.0	252	223.5	310.0	141.5	145.0	141.5
		Weight (g)	480	468	385	400	4100	3000	2600	578	680	527

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PORTABLE RADIOS

Sangean's range of table top radios cater to all shapes and size for any room of your home including the bathroom. With unique styling and quality craftsmanship, your new

Sangean portable radio has the size to fit in any room or take it with you on any outing.

With a wide range of colours and styles from the traditional to the modern, you're sure to find a style to suit your character. Enjoy that great Sangean sound at home or on the go.

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DPR-42

DAB+ / FM-RDS* / Bluetooth Portable Radio

- Easy to read colour LCD display with backlight
- 40 station presets (20 DAB+, 20 FM)
- Bluetooth wireless audio streaming
- Profile Support: AVRCP (Play, Pause, skip track forward and skip track backwards)
- Audio Equaliser function and My EQ (Custom Bass and Treble Control)
- Plays on rechargeable and dry-cell batteries
- Headphone output
- Display colour options
- Night time mode
- Rechargeable battery facility (batteries not included)

dab+ Bluetooth COLOUR SCREEN Rechargeable ECO

DPR-76

DAB+ / FM-RDS Digital Portable Radio

- High resolution 2.4" colour TFT LCD display
- 40 station presets (20 DAB+, 20 FM)
- Information display for service data
- Easy to read LCD display with backlight
- Lock switch prevents accidental operation
- Plays on rechargeable and dry-cell batteries

WHITE / INK BLUE WHITE / STONE BLUE

dab+ COLOUR SCREEN Rechargeable ECO

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SR-36

AM / FM Pocket Radio

- DSP Tuner with Rotary Tuning Knob
- Tuning LED Indicator with Dial Scale
- Built-In Speaker
- Mono Headphone Output

PR-D6

AM / FM Portable Radio

- AM/FM Analogue Tuning
- Excellent Reception and Sound Reproduction
- Rotary Bass and Treble Controls
- Ultra Compact Design
- Dial Scale Display
- Flexible Rubber antenna
- Carry Strap
- AC/DC with 4 x 'AA' Battery Compartment

WHITE CLEAR

PR-D18

AM / FM Portable Radio

- 10 station presets (5 FM, 5 AM)
- Easy to read LCD display with backlight
- Auto station seek
- Clock
- 2 alarm timers - radio or buzzer
- HWS (Humane Wake System) buzzer
- Adjustable sleep timer
- Snooze function
- Battery power status indication
- Lock switch

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PR-D4

AM / FM Portable Radio

- PLL Synthesized tuning system
- 10 memory presets (FM5, AM5)
- Rotary volume control
- Auto station scan
- Two alarm timers (radio and buzzer)
- Snooze
- Sleep (auto shut off)
- Battery power status indication
- 3 inch full range speaker
- Long lasting battery operation
- Headphone jack

PR-D7

AM / FM Portable Radio

- PLL Synthesized tuning system
- 10 memory presets (5 FM, 5AM)
- Automatic station search
- Back light LCD
- Clock
- Charge indicator
- Alarm by radio or buzzer
- Sleep and snooze timer
- Rechargeable battery facility (batteries not included)

Rechargeable

PR-D3

AM / FM Portable Radio

- Long distance AM reception
- 10 preset stations, 5 each on AM and FM
- Rotary tuning and volume control
- Radio or buzzer alarm
- Auto station scan
- Large LCD with back light
- Adjustable sleep timer
- Bass and treble controls
- AC/DC operation
- Large easy to handle buttons and controls
- External AM antenna connection

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H20-1

FM / AM / PLL Tuning Waterproof Radio

- PLL Synthesized tuning
- AM / FM antenna for best reception
- 10 presets (5 x FM / 5 x AM)
- Water resistant up to JIS-7 standard
- Large and easy to read LCD display
- Convenient mount and hanger
- Battery power indicator
- Adjustable short timer (shower)
- Emergency LED illumination (Torch)
- Emergency buzzer
- Water-resistant speaker

Waterproof

DPR-64

DAB+ / FM-RDS / Portable Radio

- Hand-held size
- 30 station presets (15 DAB+, 15 FM)
- Information display for service data
- Easy to read LCD display with backlight
- Automatic station search / manual tuning
- Lock switch to prevent accidental operation
- Plays on rechargeable and dry-cell batteries
- Flip down support stand on rear for stability
- 2 alarm timers – radio or buzzer
- Selectable sleep timer
- Snooze function
- Rechargeable battery facility (batteries not included)

dab+ Rechargeable

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DPR-45

Tri Band Portable Digital Radio

- Unique 3-Band Tuner – access to all radio bands
- Long Distance AM Reception
- 45 station presets (15 per band)
- Large easy to read LCD display with backlight
- Integrated carry handle
- Quality speaker for excellent sound performance
- Large easy-to-use controls
- 2 x Alarm Timers with Daily, Once, Weekdays, Weekends options
- Adjustable sleep timer and nap timer
- Snooze function
- Information display for service data
- Lock switch

WFR-28

Internet Radio / DAB+ / FM-RDS* / USB Network Music Player Digital Receiver

- High resolution 2.4" colour TFT screen
- 15 station presets (5 iRadio, 5 DAB+, 5 FM band)
- Internet Radio via Wi-Fi
- Control via Sangean® Undok app compatible with Apple and Android devices
- Aux-in for external audio devices.
- Plays music stored on your computer
- Line-out for playback through other equipment
- 2 x Alarm Timers (operates with mains power only)
- Adjustable Sleep Timers (operates with mains power only) and Snooze function
- Dual Band Wi-Fi 5G / 2.4G antenna
- UPnP / DMR music streaming
- Wirelessly stream Spotify from smartphone or tablet (Spotify Premium subscription is required)
- Stereo headphone jack

ATS-909X

FM–Stereo / AM / LW / SW / PLL Synthesized Portable Receiver

- Professional digital multi-band world receiver.
- 406 memories (FM 3 Pages: 27 Presets / LW 1 page: 9 Presets / AM 2 Pages: 18 Presets / SW 39 Pages: 351 Presets) + 1 Priority Preset
- Five Tuning Methods: Direct Frequency Tuning, Auto Scan
- Manual Tuning, Memory Recall and Rotary Tuning
- ATS (Auto Tuning System) Auto Scan and Preset Priority
- Signal Strength for FM / MW / LW Bands
- FM RDS / RBDS with PS, PTY, RT and CT Features
- DSP Decoder IC for Better Signal Selectivity
- Automatically Searches for Strongest Signal Station within SW Station Pages
- Large LCD Screen with Bright White LED Backlight
- Alarm: Radio or HWS (Humane Wake System) Buzzer
- 42 World Time & D.S.T. Device with 2 Editable City Names
- AM Wide / Narrow filter
- FM Mono / Stereo Selector Switch
- SSB (Single Side Band): USB / LSB 40Hz / Set on Fine Tuning
- Much Improved Audio Quality: 1W Amp Output Power
- AUX-In for External Media

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FMT-02

FM / Bluetooth - In car adaptor

- Add DAB+ Digital Radio and Bluetooth to your vehicle
- Bluetooth wireless audio streaming
- Bluetooth connections supports receiving hands free calls
- 20 station presets (10 DAB, 10 FM TX)
- Auxiliary input for additional audio sources
- Information display for service data
- Menu - selection of major functions
- Adjustable sleep timer
- I/O Jacks: Micro USB DC-In, Aux-In, Line-Out and External antenna Jack for DAB reception and FM transmitter
- Dynamic Range Control (DRC)
- A2DP and AVRCP profiles
- 3.5mm AUX Input and 3.5mm Line out

dab+ Bluetooth®

PS-100

FM–Stereo / AM / PLL Receiver

- The pillow speaker for Personal listening
- Suitable for use with any radio, radio cassette, clock radio, CD player or other equipment fitted with a 3.5mm headphone socket
- Deep bass enhancement

PS-300

FM / AM / PLL Tuning Portable Receiver

- Listen to audio devices with comfort and privacy
- In-line volume control
- Built-in power amplifier to enhance the audio output level
- Switch off built-in amplifier to power speaker directly
- Amplifier on / off switch on to increase audio output level

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MODEL			DDR-66BT	DPR-42BT	DPR-76	SR-36	PR-D6	PR-D18	PR-D4	PR-D7	PR-D3	H201	DPR-64	DPR-45	WFR-28C
TUNER	DAB / DAB+	Channel Block	5A - 13F	5A - 13F	5A - 13F								5A - 13F	174 - 240 (DAB+)	5A - 13F
	FM	Frequency (MHz)	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108
		RDS / RBDS	PS / PTY / CT / RT	PS / PTY / CT / RT	PS / PTY / CT / RT								PS / PTY / CT / RT	PS / PTY / CT / RT	PS / PTY / CT / RT
	AM / MW	Frequency (kHz)				520 - 1710	520-1710	522 - 1710	522 - 1710	522 - 1710 (9k) / 520 - 1710 (10k)	522 - 1710	522 - 1710		522 - 1629 (9k) /520 - 1710 (10k)	
		Meter Bands													
	WEATHER	Frequency CH													
		Alert													
	WiFi	IEEE 802.11 b / g (GHz)	2.4GHz / 5GHz												2.4GHz / 5GHz
	Ethernet	IEEE 802.3	●												
		Internet Radio	vTuner												vTuner
		Media Player	UPnP												UPnP
	Memory Presets		30 (10 iRadio, 10 FM & 10 DAB)	40 (20FM & 20DAB)	40 (20 FM & 20 DAB)			10 (5 FM & 5 AM / MW)	10 (5 FM and 5 AM)	10 (5 FM & 5 AM / MW)	10 (5 FM and 5 AM)	10 (5 FM & 5 AM / MW)	30 (15 FM & 15 DAB)	30 Preset (10 FM & 10 DAB & 10 AM) 15 memory (5 FM & 5 DAB and 5 AM)	15 (5 iRadio,5 DAB & 5 FM)
MEDIA	CD	CD / SD / USB	CD / SD / USB												
	SD		●												
	USB Playback		●	Software Upgrade Only										Upgrade	●
	Aux-in		●						●						●
	Bluetooth		●	●											
BLUETOOTH	NFC		●												
	HPF (Hands Free Phone)														
	AVRCP (Play & Pause)		●	●											
	aptX®		●												
AUDIO DECODING	Internet Radio		MP3 / WMA / Real Audio												MP3 / WMA / Real Audio
	Media Player		MP3 / AAC / WMA												MP3 / WMA
	CD / SD / USB		CD / SD / USB												USB
CLOCK	Real Time		●	●	●			●	●	●	●		●	DAB / RDS	●
	Alarm		●	●				●	●	●	●		●	Buzzer Alarm	●
	Snooze		●	●				●	●	●	●Buzzer only		●		●
	Sleep		●	●				●	●	●	●	●	●	●	●
FEATURE	Stereo		●	Earphones			Earphones				Earphones		Earphones		Earphones
	Spotify		●												●
	Record - SD Card / USB Stick		●											USB - B	
	Rechargeable			●	●					●			●		●
AUDIO S ound Effect	Treble / Bass Control		●	●			●								●
	EQ		●	●											●
	Loudness														
OUTPUT POWER	Output Power		7W x 2	1.2W	0.5W		1W	1W	0.8W	1W	800mW	0.4W	0.6W	1W	1.2W
	Batteries Output Power			1.2W		0.15W	1W	1W	0.8W	0.6W		0.4W			
	Earphones Output Power		3mW x 2	1.5mW x 2	1mWx 2	1mW x 2	3mW x 2	1.5 m W x 2	5mW x 2	5mW x 2			1mW x 2	3 + 3 mW	1mW x 2
	Class D Amplifier		●	●	●								●		●
SPEAKER	Size		3 inches x 2	3 inch		2 1/4 inch	3 inches	2 1/4 inches	3 inches	3 inches	5 inches	3 inches	2 inches	5 inches	3 inches
	Impedance		8 ohms	8 ohms		8 ohms	4 ohms	8 ohms	4 ohms	8 ohms	4 ohms	8 ohms	4 ohms	4 ohms	4 ohms
I/O SOCKET	Power		AC- in	DC- in	DC- in		DC- in	DC - in	AC / DC - in	AC / DC - in	AC / DC - in	AC / DC - in	DC- in	AC 230 - 240V	DC- in
	Aux - in		●						●						●
	Line - out		●												●
	SPDIF out		●												
	Earphones		●	●	●		●	●	●	●	●		●	●	●
	SD		●												
	USB		●	Micro USB (B Type)	USB B Type										●
	Ext. Antenna		WiFi / F Type (DAB / FM)								●				
	Ethernet		●												
POWER SUPPLY	Mains Power Supply		AC 100-240V	DC 7.5V/0.8A	DC 7.5V / 0.8A		DC 6V / 400mA	DC 6V / 400mA	DC 6V / 400mA	DC 12V / 500mA	AC 230V 50Hz	AC 400mW	DC 5V / 1A		DC 7.5V / 1.6A
	Batteries (Main Power)			4 x 1.5V Size AA	4 x 1.5V AA-Size	2 x 1.5V (UM-3)	4 x 1.5V AA-Size	4 x 1.5V AA-Size	4 x 1.5V Size D	6 x 1.5V (UM-3)	4 x 1.5V Size D	2 x 1.5V Size D	4 x1.5V Size AA	4 x 1.5V (UM-1)	4 x 1.5V Size D
ACCESSORIES	AC Cord		●								●			●	
	Power Adapter			7.5V/0.8A	7.5V / 0.8A			6 volts DC at 0.4 A center pin positive.	DC 6V 400mA center pin negative		AC to DC		5V / 1A		7.5V / 1.6A
	Remote Control Unit		● (Remote + APP)												
	Others									Power adaptor AC to DC		Hand Strap	USB cable (European Version)		
DIMENSIONS	Width (mm)		356.0	224.5	165.8	130.0	172.0	166.2	237.0	215	72.5	235.0	129.0	280	237.0
	Height (mm)		121.5	134.0	107.3	70.0	123.0	108.3	148.0	116	36.0	140.0	73.0	170	148.0
	Depth (mm)		252.0	50.2	37.2	32.0	55.0	37.8	62.0	40	92.0	56.0	32.0	92	62.0
	Weight (g)		4100	726	404	106	460	400	840	574	1620	866	232	1620	851

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MODEL			ATS-909X	FMT-02
TUNER	DAB / DAB+	Channel Block		5A - 13F
	FM	Frequency (MHz)	87.5 - 108 / 76 - 108	FM transmitter (FM Tx): 88.1 - 107.9
		RDS / RBDS	PS / PTY / RT / CT	
	LW	Frequency (kHz)	153 - 519	
	AM / MW	Frequency (kHz)	520 - 1710	
	SW	Frequency (MHz)	1.711 - 29.999	
		Meter Bands	120, 90, 75, 60, 49, 41, 31, 25, 21, 19, 16, 15, 13, 11	
	Memory Presets		406	20 (10FM TX and 10 DAB+)
MEDIA	Aux-in		●	●
BLUETOOTH	HFP			●
	AVRCP (Play & Pause)			●
CLOCK		Real Time	●	●
		Alarm	●	
		Snooze	●	
		Sleep	●	●
FEATURE		Stereo	Earphones	
		Rechargeable	●	
		Batteries Output Power	1.5 W	
		Earphones Output Power	5mW x 2	
SPEAKER		Size	3 inches	N/A
		Impedance	8 ohms	N/A
I/O SOCKET		Power	AC to DC in	DC in (Micro USB)
		Aux - in	●	●
		Line - out	●	●
		Earphones	●	
		Ext. Antenna	SW	SMB DAB External Antenna
POWER SUPPLY		Mains Power Supply	DC 9V / 0.7A	DC 5V/1A
		Batteries (Main Power)	4 x 1.5V Size AA	
ACCESSORIES		AC Power Adapter	●	5V/1A
		Earphones	●	
		Carrying Pouch	●	
		SW Antenna	● (ANT-60)	
		Others		Micro USB - USB DC Cable
DIMENSIONS		Width (mm)	207.5	68.0
		Height (mm)	134.8	108.0
		Depth (mm)	41.3	35.8
		Weight (g)	734	128

MODEL		PS-100	PS-300
FUNCTION	MAIN FEATURE	Pasitive Pillow Speaker	Active Pillow Speaker
OUTPUT DEVICES Speaker	Size		2.25 inches Mylar
	Impedance		16ohm
	Magnetically Shield		●
OUTPUT POWER (TYPICAL)	AC / DC / AC to AC in (Speaker)		
	Batteries (Speaker)		30mW
POWER SUPPLY	Batteries (Main Power)		SUM-4 x1
I/O SOCKET	Input cable & plug	3.5mm (D) 1.5m stereo cable	3.5mm (D) 2 m stereo cable
DIMENSIONS	Width (mm)	81.8	70
	Height (mm)	99.8	86
	Depth (mm)	26.6	14.5
	Weight (g)	90	79
PARTICULAR PERFORMANCE	Length of the cable (mm)	2000	1200
	2		Volume control
	3		Bypass headphone & Booster

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POCKET RADIOS

Need something when you're on the go? Sangean's range of pocket radios are perfect to carry on your run, sporting match, going to the gym or even a walk around the block. These agile units are small enough to fit in your pocket and come in a range of different colours.

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DT-120

FM-Stereo / AM / PLL Tuning Pocket Radio

- PLL synthesized tuning system
- Direct recall of 15 presets, 10 FM and 5 AM
- Auto station search
- Stereo / mono switch
- DBB (Dynamic Bass Boost)
- Low battery indicator
- Lock function to prevent mis-operation
- FM stereo via supplied earphones

WHITE BLACK

DT-140

FM / AM Pocket Radio

- Direct recall 40 station presets (FM 4 x 5, AM 4 x 5)
- Pocket size
- Earphones included
- Lithium battery
- Removable belt clip
- RF signal level indicator
- DBB (Dynamic Bass Boost)
- Stereo / Mono switch
- Lock switch
- Battery power indicator
- Built-in clock
- Micro USB socket for charging
- Stereo earphone jack

WHITE / BLUE GREY / BLACK

Rechargeable

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DT-250

FM-Stereo / AM Pocket Radio

- Clock and LCD backlight
- Auto station seek
- 19 random station presets
- Stereo / mono / speaker switch
- DBB (Dynamic Bass Boost)
- 90 Minute Auto Shut Off
- speaker
- Removable belt clip
- Supplied FM wire antenna for listening via speaker
- Hand-held size
- Earphones included

DT-800

FM-RDS / AM Pocket Radio

- 40 station presets (20 FM, 20 AM)
- Pocket size
- high-quality speaker
- Removable belt clip included
- APS - Auto Preset Setting
- speaker
- Soft mute to reduce background noise
- Alarm timer by buzzer
- Snooze function
- DBB (Dynamic Bass Boost)
- Lock switch
- Stereo earphone jack
- Rechargeable battery facility

Rechargeable

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DPR-35

DAB+ / FM-RDS* / Pocket Radio

- Superior reception and sound quality
- Re-Chargeable Lithium-Polymer battery built-in
- Charging and Low Battery LED indicator
- Pocket size design for use anywhere
- FM-RDS displays station name and/or song title
- telescopic antenna
- 10 station presets per band (Total 20)
- AC Adaptor supplied
- Superior battery life
- Recharge through Micro USB Port
- Stereo headphones included

BLACK WHITE RED

dab+ Rechargeable

DPR-39

DAB+ / FM-RDS Pocket Radio

- 10 station presets (5 DAB+, 5 FM)
- Information display for service data
- Easy to read LCD display with backlight
- Selectable sleep timer up to 90 mins
- Signal strength indicator
- Battery power indicator
- Lock Switch to prevent accidental operation
- Automatic station search / manual tuning
- FM stereo via supplied earphones
- DAB+ or FM-RDS
- Stereo sound via headphones

dab+

SR-35

AM / FM Pocket Radio

- Rotary tuning control
- Rotary volume, on / off control
- Integrated speaker
- Power LED indicator
- Tuning LED indicator
- FM telescopic antenna
- Earphone connection

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MODEL			DT-120	DT-140	DT-250	DT-800	DPR-35	SR-35	DPR-39
TUNER	DAB / DAB+	Channel Block					5A - 13F		
	FM	Frequency (MHz)	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	7.5 - 108
		RDS / RBDS				PS / CT	PS / PTY / CT / RT		
	LW	Frequency (kHz)						153 - 279 (Option)	
	AM / MW	Frequency (kHz)	522 - 1710	522 - 1710	522 - 1629 (9k)	522 - 1710		520 - 1710	PS / PTY / CT / RT
	SW	Frequency (MHz)			520 - 1710 (10k)				
	WEATHER	Frequency CH			TV 2 - 13 CH (Option)				
TUNING	Type				PLL synthesized			Analogue	
	Memory Presets		15 (5 FM1 / 5 FM2 and 5 AM)	40 (FM 4 x 5, AM 4 x 5)	19 (MIXED)	40 (20 FM / 20 AM)	20 (10 FM and 10 DAB)		10 (5 FM AND 5 DAB+)
	Rotary Tuning							●	
CLOCK		Real Time	●	●	Option	●	●		●
		Sleep	Auto-shut off (90min)	Auto-shut off (90min)		● (Auto Off)	●		●
FEATURE		Stereo	Earphones	Earphones	Earphones	Earphones	Earphones		Earphones
		Rechargeable					●		
		Software Upgrade							
		Others							
AUDIO Sound Effect		DBB	●	●	●	●			
OUTPUT POWER		Output Power				100mW	0.15W		
		Batteries Output Power			70 mW			120 mW	
		Earphones Output Power	2.5m W x 2	1mW x 2	1 + 1 mW	1mW x 2	1mW x 2	5 mW	5 mW x 2
SPEAKER		Size	N/A	N/A	1 3/8 inches	1 inch	1 2/5 inches	2 1/4 inches	
		Impedance	N/A	N/A	4 ohms	8 ohms	32 ohms	8 ohms	
I/O SOCKET		Power		DC-in (Micro USB)		AC Adaptor 5V / 0.5A	DC IN		
		Earphones	●	●	●	●		●	●
		USB					●		
		Batteries (Main Power)	2 x 1.5V AAA	Built-In Lithium battery 3.7V / 900mAh	2 x 1.5V (UM-3)	2 x 1.5V Size AA	DC 5V / 0.5A Li-ion Polymer 3.7V / 1800mAh	2 x 1.5V Size AA	2 x 1.5V (UM-3)
		Micro USB DC IN		DC 5V / 0.5A (for Charge)		DC 5V / 0.5A (for Charge)			
ACCESSORIES		Power Adapter				5V / 0.5A	5V / 0.5A		
		Earphones	●	●	●		●		
		Others		USB A to Micro USB B Cable & Belt Clip		FM Wire Antenna			
DIMENSIONS		Width (mm)	49.0	49.7	64	68.2	56.0	70	63
		Height (mm)	92.5	91.9	106.5	115.4	101.5	125	101.2
		Depth (mm)	17.5	16.2	30	26.5	22.1	32	19.7
		Weight (g)	56	72	108	132	120	153.5	63.5

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UTILITY RADIOS

This robust range of utility radios is the epidemy of toughness and durability. Boosting of rain, dust and shock resistance, these products are built to last. Ideal for any job site, workshop or outdoor activity you can be confident with the tested quality control of these units. The purpose built chassis offers full protection so it will take anything your life can throw at it.

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U4-DBT

DAB+ / FM-RDS* / Bluetooth / Aux-in Ultra Rugged Digital Tuning Radio

- 10 station presets (5 DAB+, 5 FM)
- Bluetooth wireless audio streaming with indicator
- Simply touch to pair with NFC technology
- Rain / Dust / Shock resistant
- Adjustable sleep timer
- Snooze function
- Bass and treble controls
- Profile support: A2DP, AVRCP
- Easy cable storage
- Roll-cage protection
- IP64 certified for dustproofing and waterproofing
- Auxiliary input for additional audio sources
- USB charging for mobile devices

U4

FM-RDS* / AM / Bluetooth / Aux-in Ultra Rugged Digital Tuning Radio

- 15 radio station presets (10 FM, 5 AM)
- Bluetooth wireless audio streaming with indicator
- Simply touch to pair with NFC technology
- Supports aptX® decoding for high fidelity music and low latency
- Rain / Dust / Shock resistant
- Clock available from FM RDS-CT
- 2 alarm timers via radio or buzzer
- Adjustable nap timer
- Adjustable sleep timer
- Adjustable snooze function
- Loudness switch
- Profile support: A2DP, AVRCP
- Easy cable storage
- Roll-cage protection
- IP64 certified for dustproofing and waterproofing
- Auxiliary input for additional audio sources
- Rechargeable battery facility with charging LED indicator (batteries not included)
- USB charging for mobile devices

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DAB+BOX

DAB+ / FM-RDS Utility Digital Radio

- Large backlit LCD display
- 10 station presets (5 DAB+, 5 FM)
- Rechargeable battery facility with charging LED indicator (batteries not included)
- Auxiliary input for additional audio sources
- Roll cage protected
- Rain resistant (to JIS4) / dust-resistant / shock-resistant
- Durable ABS plastic body
- Flexible antenna
- Easy cable storage
- 2,7m rubber AC cable
- Battery compartment for 4 x C size
- Information Display for service data
- Menu - selection of major functions
- 5" water-resistant speaker
- Metal speaker grill

TOUGHBOX

FM / AM Utility Radio

- Large backlit LCD display
- 10 station presets (5 FM+, 5 AM)
- Rechargeable battery facility with charging LED indicator (batteries not included)
- Auxiliary input for additional audio sources
- Roll cage protected
- Rain resistant (to JIS4) / dust-resistant / shock-resistant
- Durable ABS plastic body
- Flexible antenna
- Easy cable storage
- 2,7m rubber AC cable
- Battery compartment for 4 x C size
- 5" water-resistant speaker
- Metal speaker grill

MMR-88

AM/FM / Handcrank / USB / Solar Emergency Alert Radio

- 19 random station presets (AM / FM mixed)
- Powered by hand-cranked dynamo / solar panel / DC in (Micro USB B Type) to rechargeable lithium battery
- Illumination lamp
- Charging LED indicator
- Adjustable LED flashlight (Hi, Low, Blinking, SOS Morse Code)
- Emergency buzzer
- Clock
- 90 Minute Auto Shut Off
- speaker
- Stereo Earphone Jack
- DC out (5 V / 0.3 A) USB A type socket for charging mobile phone or MP3 player
- USB B charging socket for mobile devices

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MODEL			U4 DBT+	U4	DAB + BOX	TOUGHBOX	MMR-88
TUNER	DAB / DAB+	Channel Block	174 - 240 (W / DAB+)		174 - 240 (W / DAB+)		
	FM	Frequency (MHz)	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108	87.5 - 108
		RDS / RBDS	PS / PTY / CT / RT		PS / PTY / CT / RT		
	AM / MW	Frequency (kHz)		522 - 1701		522 - 1710	522 - 1710
TUNING	Type						
	Memory Presets		10 (5 FM and 5 DAB+)	10 (5 FM and 5 DAB+)	10 (5 FM and 5 DAB+)	10 (5 FM, 5 AM / MW)	19 (AM/FM MIXED)
	Rotary Tuning						
MEDIA	USB Playback		●	●	●		
	Aux-in		●	●	●	●	
	Bluetooth		●	●	●		
BLUETOOTH		NFC	●	●			
		AVRCP (Play and Pause)	●	●	●		
		aptX®		●			
AUDIO DECODING		Media Player	MP3 / AAC / WMA / WAV / OGG		MP3 / AAC / WMA / WAV / OGG		
		CD / SD / USB	USB		USB		
CLOCK		Real Time	●	●	●		●
		Alarm	●	●	●		
		Snooze	●	●	●		
		Sleep	●	●	●		Auto shut-off (90min)
FEATURE		Stereo					Earphones
		Spotify					
		Record - SD Card / USB Stick			●	●	
		Rechargeable	●				
AUDIO Sound Effect		Treble / Bass Control	●		●		
		EQ	●		●		
		Loudness	●		●	●	
OUTPUT POWER		Output Power	7W	7W		5W	
		Batteries Output Power	4W			2W	0.4W
		Earphones Output Power					1mW x 2
		Class D Amplifier	●		●		
SPEAKER		Size	6 1/2 inches	6 1/2 inches	3 inches	5 inches	1 1/2 inches
		Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
I/O SOCKET		Power	DC- in	DC- in	DC- in	AC- in	DC - in (Micro USB)
		Aux - in	●	●	●	●	
		Earphones					●
		USB	USB A - Phone Charging and Playback	● (USB - A for Playback & Charge: DC OUT 5V/1A)			USB A - Phone Charging
POWER SUPPLY		Mains Power Supply	AC 100~240V DC 12V / 1.2A	"AC 100~240V DC 12V / 1.2A"	"AC 100~240V DC 12V / 1.2A"	AC 230V 50Hz	Built-In Lithium battery 3.7V / 850mAh
ACCESSORIES		Batteries (Main Power)	6 x 1.5V Size D	6 x 1.5V (UM-1)	6 x 1.5V (AA)	4 x 1.5V Size C	USB A to Micro USB B Cable & Hand Strap
DIMENSIONS		Width (mm)	298.0	298	235	324.0	152.0
		Height (mm)	342.0	342	270	232.5	83.6
		Depth (mm)	268.0	268	269	193.5	69.8
		Weight (g)	4565	4565	2905	3000	392

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