

SANGEAN

PRODUCT CATALOGUE 2020 / 21

#sangeanradio





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.

SANGEAN

PRODUCT
CATALOGUE
2020 / 21

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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.





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.

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



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.





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



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  





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 ●



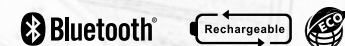
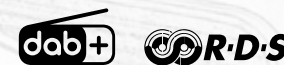
DDR-7

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 ●





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





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





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)



TABLE-TOP RADIOS

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	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
		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		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)
	CD	CD / CD-R / CD-RW				CD / MP3 playback	CD / MP3 playback				
	SD										
BLUETOOTH	USB Play-back										
	Aux-in		•	•	•	•	•	•	•	•	•
	Bluetooth	•	•	•	•	•	•	•	•	•	•
AUDIO DECODING	NFC										
	AVRCP [Play & Pause]										
	aptX®										
CLOCK	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			
FEATURE	Real Time				•	•	•	•	•	•	•
	Alarm					•	•	•	•	•	•
	Snooze					•	•	•	•	•	•
	Sleep				•	•	•	•	•	•	•
AUDIO Sound Effect	Stereo					•	•	•	•	•	•
	Spotify					•	•	•	•	•	•
	Record - SD Card / USB Stick					•	•	•	•	•	•
OUTPUT POWER	Rechargeable	•	•			•	•	•	•	•	•
	Treble / Bass Control					•	•	•	•	•	•
	EQ					•	•	•	•	•	•
SPEAKER	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	5mW x 2
I/O SOCKET	Class D Amplifier	•	•		•	•	•	•	•	•	•
	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
POWER SUPPLY	Impedance	4 ohms	4 ohms	4 ohms	4 ohms	8 ohms	8 ohms		8 ohms	8 ohms	8 ohms
	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					•	•	•	•	•	•
ACCESSORIES	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					•		•			
DIMENSIONS	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]										
DIMENSIONS	Micro USB DC IN		•	•	•						
	AC Cord					•	•	•			
	Power Adapter	7.5V/1.5A							AC to DC	AC to DC	6V / 0.8A
	Remote Control Unit					• [Remote + APP]	•	•			
DIMENSIONS	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			•			
	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

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.





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)



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





SR-36

AM / FM Pocket Radio

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



WHITE ● CLEAR ○



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



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



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)



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



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)





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



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



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

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	522 - 1710 (9k) / 520 - 1710 (10k)	522 - 1710	522 - 1710		522 - 1629 (9k) / 520 - 1710 (10k)	
		Meter Bands														
		WEATHER	Frequency CH													
		Alert														
MEDIA	CD	CD / SD / USB	CD / SD / USB													
	SD															
	USB Playback			Software Upgrade Only										Upgrade		
BLUETOOTH	Aux-in															
	Bluetooth															
AUDIO DECODING	Internet Radio		MP3 / WMA / Real Audio												MP3 / WMA / Real Audio	
	Media Player		MP3 / AAC / WMA												MP3 / WMA / USB	
CLOCK	CD / SD / USB		CD / SD / USB													
	Real Time															
	Alarm															
	Snooze															
FEATURE	Sleep															
	Stereo			Earphones			Earphones							Earphones	Earphones	
	Spotify															
AUDIO SOUND EFFECT	Record - SD Card / USB Stick															
	Rechargeable													USB - B		
OUTPUT POWER	Treble / Bass Control															
	EQ															
	Loudness															
	Output Power		7W x 2	1.2W	0.5W		1W	1W	0.8W	1W	800mW	0.4W	0.6W	1W	1.2W	
SPEAKER	Batteries Output Power					0.15W	1W	1W	0.8W	0.6W		0.4W				
	Earphones Output Power		3mW x 2	1.5mW x 2	1mW x 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															
I/O SOCKET	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	
	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															
POWER SUPPLY	Earphones															
	SD															
	USB			Micro USB (B Type)	USB B Type											
	Ext. Antenna			WiFi / F Type (DAB / FM)												
	Ethernet															
ACCESSORIES	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 x 1.5V Size AA	4 x 1.5V (UM-1)	4 x 1.5V Size D	
DIMENSIONS	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															
DIMENSIONS	Others									Power adaptor AC to DC		Hand Strap		USB cable (European Version)		
	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	232	1620	851		

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	Positive 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



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.



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 ●

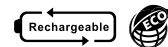
DT-140

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 ●



DT-250

FM-Stereo / AM Pocket Radio

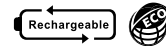
- Clock and LCD backlight
- Auto station seek
- 19 random station presets
- Stereo / mono / speaker switch
- DBB (Dynamic Bass Boost)
- 90 Minute Auto Shut Off
- speaker
- Removable belt clip
- Supplied FM wire antenna for listening via speaker
- Hand-held size
- Earphones included



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



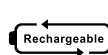
DPR-35

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 ●



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



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



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	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	



UTILITY RADIOS

This robust range of utility radios is the epitome of toughness and durability. Boasting 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.



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

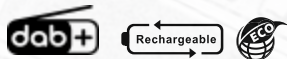




DAB+BOX

DAB+ / FM-RDS Utility Digital Radio

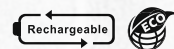
- Large backlit LCD display
- 10 station presets (5 DAB+, 5 FM)
- Rechargeable battery facility with charging LED indicator (batteries not included)
- Auxiliary input for additional audio sources
- Roll cage protected
- Rain resistant (to JIS4) / dust-resistant / shock-resistant
- Durable ABS plastic 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



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
		RDS / RBDS	PS / PTY / CT / RT		PS / PTY / CT / RT	
	AM / MW	Frequency (kHz)		522 - 1701		522 - 1710
TUNING	Type					
	Memory Presets		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]			
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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