SOLT

Wireless Calling System

![SOLT]

High Performance!　Inimitable Designs!

High-class wireless callbell

Feel the Style
Simplicity and class for modern spaces
SOLT SB·7

SB-7 Designed by SAQ design / Made in K
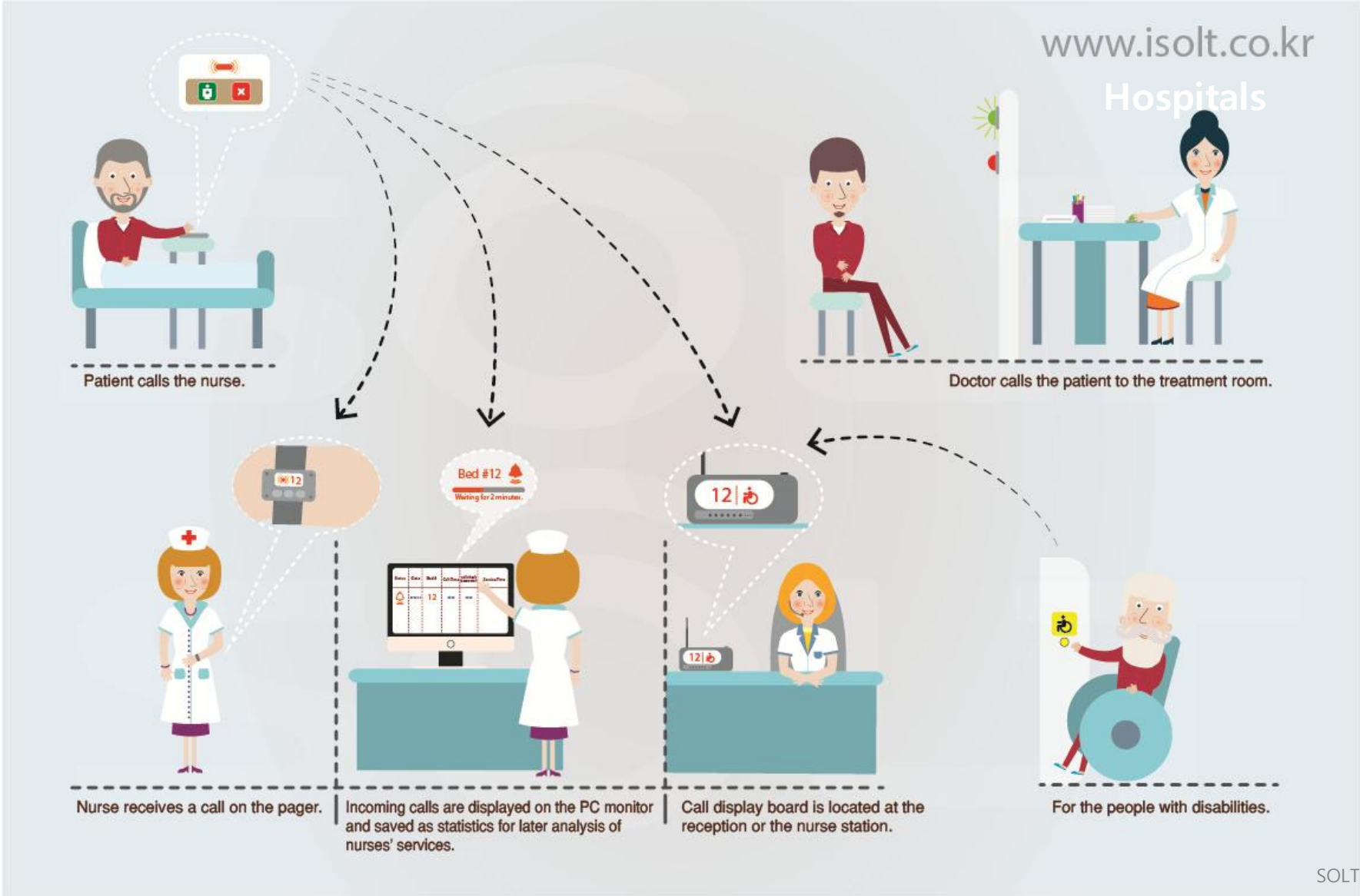
SOLT Co.,Ltd

High Quality and Reliability!

WATERPROOF
(SB3 : IP3 Certified)

WATERPROOF
(SB7 : IP5 Certified)

SOLT Co.,Ltd

Product Application Fields

Hospitals

www.isolt.co.kr
Hospitals

Patient calls the nurse.

Doctor calls the patient to the treatment room.

Bed #12
Waiting for 2 minutes.

Nurse receives a call on the pager.

Incoming calls are displayed on the PC monitor and saved as statistics for later analysis of nurses' services.

Call display board is located at the reception or the nurse station.

For the people with disabilities.

Transmitters

SOLT

Wall-mount Receiver

Mobile Receiver

Transmitter

Frequency Type : FSK

> Accuracy and Stability of call...AM type not comparable

CPU Embedded(TI solution)

> No duplication of bell ID...Remote IC not comparable

Transmission Controllable

> Battery saving, No interference to other bells

Others

> Longer call distance, Battery saving algorithm

Outstanding Features of Solt system

Receivers

SOLT

Transmitter

Wall-mount Receiver

201 302

Mobile Receiver

Frequency Type : FSK — Accuracy and Stability of call receiving… AM not comparable

TCXO-based RF — Low RF variation, No clock defect, RF changeable…not X-tal

Variety of Function — Sound selectable(22), Volume controllable(9 steps) etc.

System Configuration — N(multiple) to N transmitter and receiver configuration

Transmitter

Wall-mount Receiver

Mobile Receiver

Frequency Type : FSK → Accuracy and Stability of call receiving…AM not comparable

TCXO-based RF → Low RF variation, No clock defect, RF changeable…not X-tal

Direct Call Receiving → Direct call receiving from bells(no need transceiver)

Others → Rechargeable Lithium battery, Robustness etc.

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Main Receiver

Pagers

Monitoring Receiver

For extending signal reach distance and covering shaded area, use repeaters.

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TRANSMITTERS

RECEIVERS

TRANSCEIVER

APPLICATON ITEMS

TRANSMITTER

[SINGLE-BUTTON BELLS]

MODEL	IMAGE	BUTTON	DESIGN	SIZE (WxLxH)mm	WEIGHT (g)	BATTERY TYPE	BATTERY Q'TY	BATTERY L/T	LED	COMMON SPECIFICATION
SB3−1PBK(black) SB3−1PBR(brown) SB3−1PWH(white)		1 call	**Slim & Echo−friendly** • No coating / printing • Waterproof(IP−3)	67×42×11	20	coin cell CR2032	1	1 year	Top	• Transmission way : FSK
SB5−1PBK(black) SB5−1PBR(brown) SB5−1PWH(white)		1 call	**Familiar & accustomed**	58Ø×12.6	20	coin cell CR2032	1	1 year	Top	• Transmission type : 360° omnidirectional
SB7−1PBK(black) SB7−1PWH(white)		1 call	**Advanced & Luxurious** • Dual−indicators (Top & bottom round) • Double−molded case • No scratch on top (Urethane material) • Waterproof(IP−7)	60Ø×16	29	coin cell CR2032	2	2 year	Top & bottom	• Bell ID : 1/16 million (duplicate ID almost not possible) • Antenna type : PCB
SB9−1PBK(black) SB9−1PBR(brown) SB9−1PWH(white)		1 call	**Slim & Elegant** • Dual−indicators (Top & bottom round)	74×46×11	28	coin cell CR2032	2	2 year	Top & bottom	*** Battery lifetime : calculated based on 15 calls per day

TRANSMITTER

[MULTI-BUTTON BELLS]

MODEL		BUTTON	DESIGN	SIZE (W x L x H mm)	WEIGHT (g)	BATTERY TYPE / Q'TY	LED	COMMON SPECIFICATION
SB6-2XBK(black) SB6-2XWH(white)		1 call + 1 cancel	Practical and multi-functional • Signal efficiency maximized	100×60×6.5	50	coin cell CR2450 x 2	top	• Transmission way : FSK • Transmission type : 360° omnidirectional • Bell ID : 1/16 million (duplicate ID almost not possible) • Antenna type : PCB • Waterproof : life waterproof • 2 year battery lifetime (based on 15 call a day)
SB6-6PBK(black) SB6-6PWH(white)		1 call + 1 cancel	Practical and multi-functional • Signal efficiency maximized	100×60×6.5	50	coin cell CR2450 x 2	top	
SB6-6XBK(black) SB6-6XWH(white)		5 call + 1 cancel (or) 3 call + 3 cancel	Practical and multi-functional • Signal efficiency maximized	100×60×6.5	50	coin cell CR2450 x 2	top	
SB9-2XBK(black) SB9-2XBR(brown) SB9-2XWH(white)		1 call + 1 cancel	Slim & Elegant Multi-functional • Dual-indicators (Top & bottom round)	74 × 46 ×11	28	coin cell CR2032 x 2	Top & bottom	
SB9-3PBK(black) SB9-3PBR(brown) SB9-3PWH(white)		3 call	Practical and multi-functional • Dual-indicators (Top & bottom round)	74 × 46 ×11	28	coin cell CR2032 x 2	Top & bottom	
SB9-3XBK(black) SB9-3XBR(brown) SB9-3XWH(white)		2call + 1cancel	Practical and multi-functional • Dual-indicators (Top & bottom round)	74 × 46 ×11	28	coin cell CR2032 x 2	Top & bottom	

RECEIVER

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[MAIN DISPLAY UNITS] *- Wall-mount type Receivers*

MODEL	IMAGE	FND	BASIC FUNCTION	SIZE	WEIGTH (g)	COMMON SPEC.	USER SET ITEMS
SM3−22PN		2X2	Call ID display Call only No memory	288(W) 133(H) 40(T)	535	• Antenna : external dipole antenna • Signal receiving : FSK 360° omnidirectional • Power Supply : AC/DC12V external adaptor • Available bell ID registration : max. 1,000 bells • Bell ID form : numeric + English alphabetic + 2 dash("_"."−") and blank • Bell ID registration method : by air • Speaker : High quality and various bass	• Sound type : 22 sounds • Sound level : 9 steps • Sound repeat time • Sound type for each bell • Call ID display time (PN model only) • Call overlapping time • Easy all bell ID deletion • Easy consecutive bell ID Register
SM3−23PN		2X3	Call ID display Call only No memory	288(W) 133(H) 40(T)	573		
SM3−33PN		3X3	Call ID display Call only No memory	288(W) 133(H) 40(T)	650		
SM3−33PC		3X3	Call ID display Call & cancel 20 call memory	288(W) 133(H) 40(T)	650		
SM3−61PC		6X1	Call ID display Call & cancel 20 call memory Call IDs rolling	288(W) 133(H) 40(T)	650		

RECEIVER

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[PAGERS] -Portable Receivers

MODEL	IMAGE	TYPE	Display	SIZE (WxLxH mm)	WEIGTH (g)	POWER SUPPLY	FEATURES AND SPECIFICATION	USER SETTING ITEMS
SP5-100		Wrist-watch	Mono LCD 2 lines X 6 digits	56×42×16	54	• Rechargeable lithium-polymer Battery(600 mAh, DC 3.7V) • Battery stand-by time : max. 30 hours	• Antenna : built-in helical antenna • Signal receiving : FSK 360° omnidirectional • Available bell ID registration : max. 1,000 bells • Bell ID form : numeric + English alphabetic + two dashes("-","-") and bank • 10 call memory	• Call alarm method : sound(beep/chirp) or vibration(low – high) or beep sound + vibration • Time display on / off • Receiving limit bell ID • Call overlapping time • Reminder alert • Easy all bell ID deletion • Easy consecutive bell ID Registration
SP5-200		Belt-clip			50			
SP7-100		Wristwatch	FSTN LCE with white backlight (re :96X64)	37x49x13.5	38	• Rechargeable lithium-polymer Battery(250 mAh, DC 3.7V) • Battery stand-by time : more or less 40 hours	• Display : 0.9" LCD • Available bell ID : 900 pcs • 50 Call number memory • Call order check function • Easy setting with icons	• Time • Alarm method • Bell ID • Others (DUPT, alarm repeat. Reminder alarm etc.) • Data copy(device to device –cable option)

[PC MONITORING RECEIVER]

MODEL	IMAGE	SIZE (WxLxH mm)	WEIGTH (g)	POWER	FEATURES	SPECIFICATION
SR5-MPR and		146 X 90 X 32	116	AC/DC12V Adapter	• Display : 1.3"LCD(back side) • Available bell ID : 500 pcs • Bell ID registration method : by air	• Antenna : external dipole antenna • Signal receiving : FSK 360° omnidirectional • PC Interface : via RS-232 Converter
PC MONITORING PROGRAM					• Call Display • Call Data management	• 4 programs included ; – Map Type call only – Map Type call-cancel – Stack Type call only – Stack Type call-cancel

TRANSCEIVER

[REPEATER]

MODEL	IMAGE	Display	BASIC FUNCTION	SIZE	WEIGTH (g)	POWER	FEATURES	USER SET ITEMS
SR5-BPR		1.3"LCD on back side	Extension of signal reach distance between bell and receiver	146(W) 90(H) 32(T)	116	AC/DC12V external adaptor Adapter	• Available bell ID : 500 pcs • Bell ID registration method : by air or by SPM(Solt PC Manager)	• Transmission delay time • Mount point : Wall or ceiling • Easy all bell ID deletion • Easy consecutive bell ID register

APPLICATION ITEMS

[TRANSMITTERS]

MODEL	IMAGE	CATEGORY	ORIGIN MODEL	APPLICATION FIELDS	FUNCTIONALITY	SPECIFICATION
SB5-1PWH-P		Transmitter (call only)	SB5-1PWH	Hospitals	Wired Push-button	Push-button cable : 1.5 m
SB6-2XWH-P		Transmitter (call-cancel)	SB6-2XWH	Hospitals	Curl-wired Push-button (Fixed)	Push-button cable : 1.5 m
SB6-2XWH-PD		Transmitter (call-cancel)	SB6-2XWH	Hospitals	Straight-wired Push-button (Detachable)	Push-button cable : 1.5 m
SB6-2XWH-F		Transmitter (call-cancel)	SB6-2XWH	Hospitals	Wired Stepping button	Step-button cable : 1.5 m
SB6-2XWH-S		Transmitter (call-cancel)	SP5-1PWH	Hospitals	Pull-String button	Pull-String cable : 1.0 m
SB6-DOP		Transmitter (call only)	SB6	Hospitals Offices	Magnet Sensing of door opening	Bell part and Magnet part
SB6-PMP		Transmitter (call-cancel)	SB6	Hospitals	Magnet Sensing of Patient's movement	Bell part and Magnet part
STS-100FM		Transmitter (call-cancel)	SB6	Hospitals	Stepping Sensing	Mat(sensing part) and Bell Part
SB9-1P✱✱-M		Transmitter (call-cancel)	SB9-2X	Hospitals Shopping malls Super markets etc.	Magnet Sensing Cancel Button	Bell part and Magnet part

![SOLT]

Certification

CE(EU)

Wireless call bell   main transceiver   Wireless receiver   repeater

FCC(USA)

bell   Main   repeater   pager

MIC(Japan)

bell(SB3)   Bell(SB7)   Bell(SB9)   Repeater_SR5)

Others

ISO-9001   Solt Trademark   waterproof IP-X8(SB7)