# SMART HOTEL SYSTEM

## EMKATECH
### Electronics Creativity

## Stand Alone room management & Lock System
### For Hotel, Apartment, Hospital & Office

Peningkatan kenyamanan dan keamanan ruang dan kamar dari suatu gedung dan hotel dengan teknologi RFID yang dipadukan dengan software dan encoder

**KS-001**

- Zinc alloy with surface treatment Plating.PVD treatment
- Low consume,high sensitive KS' RFID Technology PCB board.
- PCB board built-in buzzer and self-detect light.
- RFID Mifare 1K technology, contactless working
- Low Battery Voltage warning(beep and red light)
- 5 latch mortise
- Mortise model-K2S
- free-engage handle while locking
- Powered by AA battery x 4PCS for 10-12 months' life
- Mifare 1K S50 card required,100,000 times write life.
- Audit trail records the latest 800 lock transactions.
- Passage mode activate by passage card for meeting case
- KS Hotel lock system(free) required

**KS-002**

- Stainless steel with surface treatment.
- Low consume,high sensitive KS control PCB board.
- Siemens SLE4442 IC card,100,000 times life
- Power:4 pcs AA battery,8-12 months' life
- 200 lock events saved circularly
- 5 latch mortise
- Mortise model-K2S
- Low Battery Voltage warning(beep and red light)
- Passage mode for meeting case
- Lock&System operation record printable.
- KS Hotel lock system(free) required
- 40mm-50mm thickness door

**Key Card**

**Energy cut off**

**KS-201**

- 1 USB Port for communication and power supply.
- Self-detect light
- Compatible with OS Microsoft Windows 2K/2K3/XP/VISTA
- Wireless Data collector communicate port built-in
- Size: 12.5x9.5x3.3cm(LxWxH)
- Support program to Philips Mifare 1K S50 card
- KS Hotel Lock System required

## Software & Encoder

- Support quickly initialize locks(500 rooms capacity) for all KS Hotel Lock standard product without need Time card and setting card
- Check and adjust lock's clock
- Modify a room's number
- Collect 10 rooms(1 floor) lock events at one time
- Verify cards comes from KS Hotel Lock System including guest card, master card, floor card, building card
- Plug and Play, no need driver in windows XP/Vista
- 5sec no operate LCD dies to save power,any button to activate LCD.
- Button press sound
- Easy to take
- Rubber button

## Energy cut off

**KS-101**
- AC 180V~250V
- Max 30A current
- White color
- Dark indicate light
- Flame Retarding ABS material
- Working by insert required card type (Mifare 1K / SLE4442 IC)
- Cut off Delay 15sec
- Size:86x86x48mm(29mm in wall)

**KS-102**
- AC 180V~250V
- Max 30A current
- White color
- Flame Retarding ABS
- Work by inserting correct Guest room card (Mifare 1K/SLE4442 IC)
- Delay 15sec
- Size:86x86x48mm(29mm in wall)
- Integrated in KS Hotel Lock System™

**KS-103**
- AC 180V~250V
- Max 30A current
- White color
- Work by inserting correct Guest room card in valid time period
- Flame Retarding ABS materials
- Cut off Delay 15sec
- Size:86x86x48mm(29mm in wall)
- Integrated in KS Hotel Lock System™

**KS-104**
- AC 180V~250V
- Max 30A current
- White color
- ABS fireproof material
- Working by insert any card item
- Delay 15sec

**Wireless data receiver**

- Easy to carry by hand
- Powered by 9V battery
- Download the latest 800 lock transactions from KS RFID hotel lock
- Wireless communicate with RFID hotel lock
- Size: 16.0x11.0x3.5cm(LxWxH)
- RFID encoder required(for plug and download to PC)
- KS Hotel Lock System required
- Records including-Room no./Card type/Card no./Operating time

# Bed Set Panel & Dimmer Pack System

Perlengkapan untuk memberikan kemudahan dan kenyamanan dalam pengaturan buka / tutup jendela, suhu AC, gorden, lampu, TV, radio dan lain-lain serta dapat dilengkapi dengan remote. Tersedia dari sistem manual - full automatic yang dapat disesuaikan dengan kebutuhan Dimmer.

**Dimmer Pack System**
sistem panel untuk pengaturan cahaya lampu disuatu area dengan sistem single wire system



SMART ROOM CONTROLLER

**Manual**
- 10 Line On-Off
- 1 Port Line = max 10 A

**Manual Remote**
- 10 Line On-Off
- 1 Port Line = max 10 A
- Remote

**Standard**
- 2 Line On-Off
- 7 Line Dimmer
- Alarm
- Buzzer Inside
- 1 Line Public Address
- 1 Line DD
- 1 Line MO
- LCD 2 X 16
- Battery CR 2032 , 3 V Inside
- 1 Port Line = max 10 A

**Medium**
- 2 Line On-Off
- 7 Line Dimmer
- Alarm
- Buzzer Inside
- 1 Line Public Address
- 1 Line DD
- 1 Line MO
- 1 Port Line = max 10 A
- LCD 2 X 16
- Port Serial MO / DD Inside
- Battery CR 2032 , 3 V Inside

**Full Automatic**
- 2 Line On-Off
- 8 Line Dimmer
- 1 Line Curtain
- Alarm
- 1 Line Public Address
- 1 Line DD
- 1 Line MO
- 1 Port Line = max 10 A
- LCD 2 x 16
- Buzzer Inside
- Battery CR 2032 , 3 V Inside
- Remote Control Function

KEUNTUNGAN :
- Dapat dikontrol dari 2 tempat / lebih sesuai dengan yang diinginkan
- Hemat Konsumsi Listrik karena menggunakanSSR
  (tidak menggunakan trafo & dapat diatur nyala tidak 100%)
- Jaringan mudah / tidak ruwet
- Power Supply menggunakan Switching
- Bisa disetting sesuai Titik Lampu masing-masing
- Bisa menggunakan lampu LED, sehingga hemat daya
- Maintenance mudah
- Dapat dibuat sesuai kebutuhan
- Menambah efisiensi kerja



SPESIFIKASI :
- 1 Panel dapat diisi sampai 24 Line Output
- Kapasitas 1 Llne = 10 A, upgrade s/d 20A
- Komponen System, bukan Relay System
  Inside : Controller
- Komponen :
  - Power Supply
  - Contactor
  - MCCB
  - MCB
  - ACB
- Single Wire / Multi Wire System
  Dan perlengkapan panel lainnya

# Conference

Konsep modul diskusi yang bersifat bebas dan terbuka



System :
1. Multi conference dalam skala ruang kecil sampai besar.
2. Maksimal unit = 300 unit ( Chairman / Delegate ).
3. Membutuhkan external speaker / external PA.

Desain Multi Fungsi Memudahkan kita untuk melakukan diskusi Dan komunikasi tanpa kesulitan dan menyenangkan.



Kompak – Ekonomis – Sederhana
Dengan konsep seperti ini, memudahkan kita melakukan banyak hal dalam mencapai kesuksesan.

Specifikasi System:
1. Main unit Master Control
2. Chairman Unit
3. Delegate Unit
4. Speaker system 2 x ( Optional )
5. Aux out untuk dihubungkan dengan PA system
6. AC-110 – 220 V

## Master Control MH-3000



**Central controller MH-3000**
1. Complete set central controller
2. For mostly 50 sets speech equipments power supply
3. Four kinds microphone operation pattern is available
4. The speaker/earphone uses in monitoring and writing
5. Start microphone choice (1.2.3. All open)
6. System volume control (SYS VOL)
7. Microphone volume control (MIC VOL)
8. External audio signal volume control (AUX VOL)
9. Weight: 2.5KG
10. Size: (H * D * W) 84×360×143mm

### Chairman MH-3000A / Delegate MH-3001B



**Chairman microphone MH-3001A**
1. Have all functions of the delegate microphone
2. With priority function, may mute all the opening microphones
3. Weight: 0.9KG
4. Size: (H * D* W) 63×124×172mm (without microphone)

**Delegate microphone MH-3001B**
1. The represent speaks through it and receives the conference
2. Microphone soft pole (standard and lengthen) and with halo
3. The earphone monitor plug, build-in volume control
4. AUX input plug
5. Single button to start the microphone
6. Weight: 0.9KG
7. Size: (H * D * W) 63×124×172mm (without microphone)