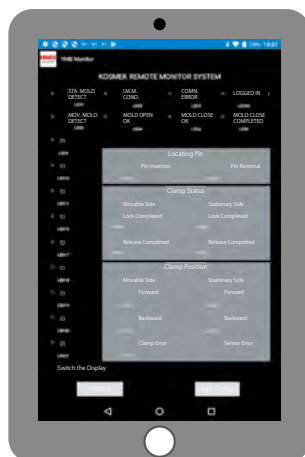
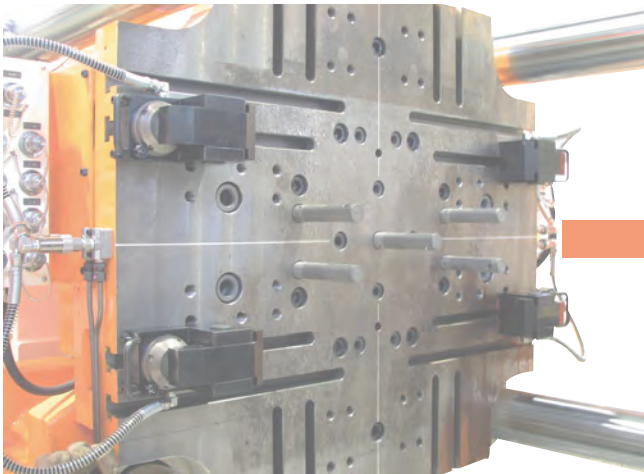


New

For Mold Clamping System Remote Monitoring System

Remote Monitoring of Mold Clamping System



For Mold Clamping System

Remote Monitoring System

Wireless Model

Model YMB-W



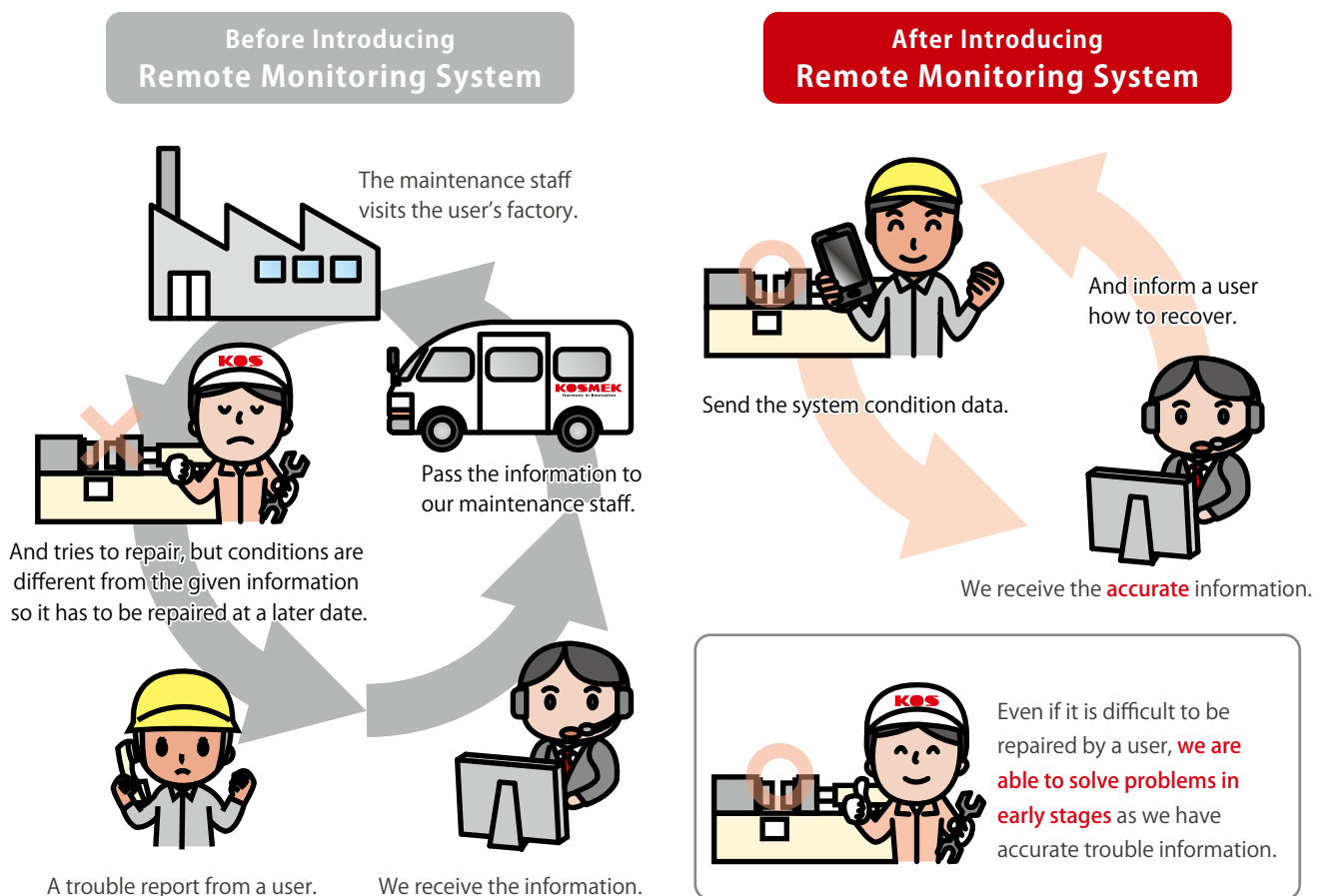
Remotely Monitor Status of Mold Clamping System

Easy Setup, Provides Machine Condition and User Information Wirelessly
Accurate data transmission enables quick machine recovery.

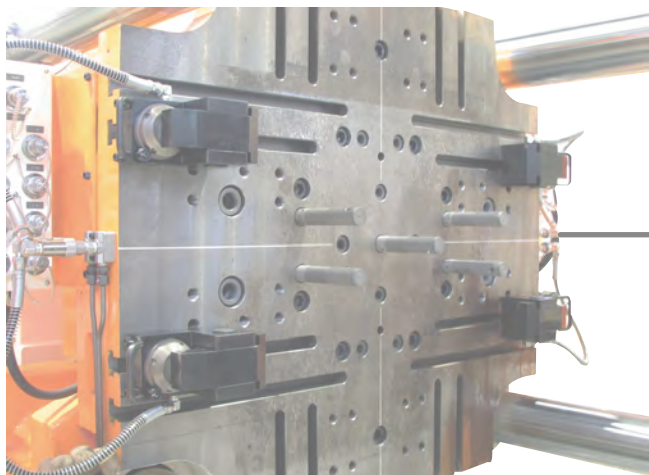
Features

An error status during mold clamping can be fetched to a smart phone or tablet and the data will be sent to Kosmek via a user's communication network. This allows prompt and accurate condition information.

Quick recovery from a system error improves service accuracy!



Image



Mold Clamping System

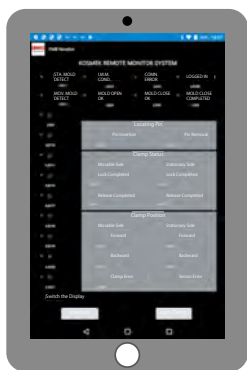
Operation Panel



Control Unit



Paring with Mold Clamping System to Confirm Conditions



Wi-Fi / 3G / 4G



Send the Information of
Mold Clamping System to Kosmek

KOSMEK
Harmony in Innovation



Immediately respond after we check.

Check details.

And we will respond immediately.

Model No. Indication

YMB08 0 - V HC 10 - W

1
2
3
4
5

1 Design No.

Revision Number

2 Mold Change Method

V : Vertical Mold Change System (Horizontal Molding Machine)
H : Horizontal Mold Change System (Horizontal Molding Machine)
R : Vertical Molding Machine ※¹

Notes :

- ※1. Please contact us for the control method of vertical molding machine.
 1. Contact us for specifications and external dimensions of the options.

3 Applicable Clamp Model No.

Refer to the following catalog for further information of each series.

G series (Hydraulic Clamp) : Refer to CAT. NO. GBB001-□□-GB

H series (Pneumatic Clamp) : Refer to CAT. NO. HZ-□□-GB

Q series (Pneumatic Clamp) : Refer to CAT. NO. QM-□□-GB

4 Pressure Source ※ When using Air Valve Unit

10 : With Pressure Switch in the Clamp Circuit

00 : Without Pressure Switch in the Clamp Circuit

5 Option

Blank : Standard (Operation Panel in Japanese)

E : With Mold Confirmation Proximity Switch

H : With Mold Confirmation Proximity Switch (6-8 pcs. on each side)

N : Operation Panel in English

C : Operation Panel in Chinese

W : With Remote Monitoring Function (Wireless Model) ※²

New

Note :

- ※2. A terminal device such as tablet or smart phone is not included. It should be prepared by customer.

Reference Catalog List

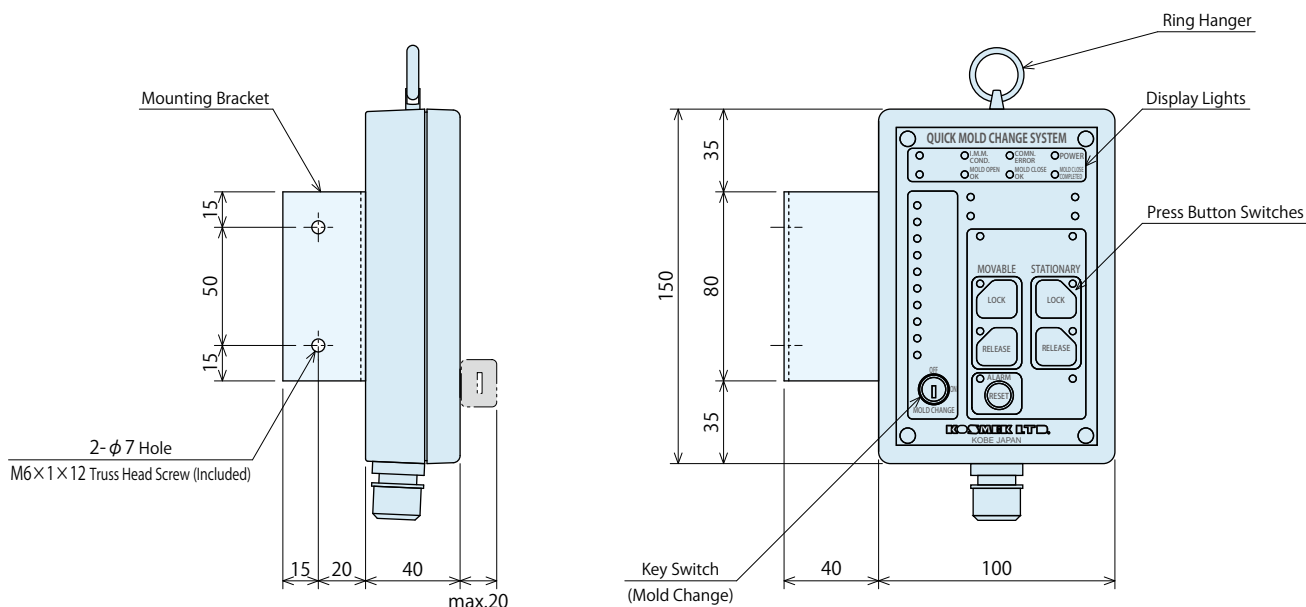
Catalog Name	Catalog Number
G series (Hydraulic Clamp)	GBB001-□□-GB
H series (Pneumatic Clamp)	HZ-□□-GB
Q series (Pneumatic Clamp)	QM-□□-GB

Refer to each series' catalog for specifications, dimensions and details not related to **5 Option W** : With Remote Monitoring Function (Wireless Model).

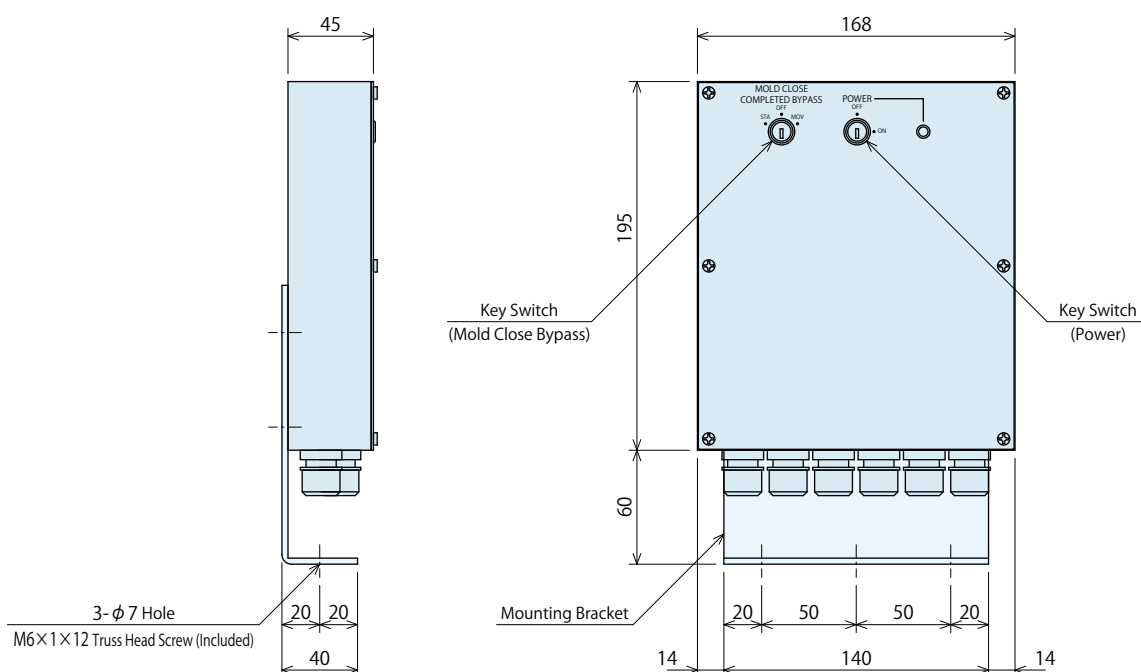
● Specifications : Bluetooth

Communication Method (Profile)	Bluetooth Standard ver. 4.1 (Bluetooth Low Energy)
Output	Bluetooth Standard Power Class 2 (TX power +4dBm)
Communication Distance Range	Line-of-Sight Range within about 2.5m ~ 10m
Frequency Band	2.4GHz Band (2.402GHz - 2.480GHz)
Modulation System	GFSK
Applicable Bluetooth Protocol	GAP / GATT / SM / LL / RF-PHY
Mobile Operating System	iOS 10.3.3 or later version / Android 6.0 or later version
Certification	CE Marking 【EU】
	FCC 【North America】
	Technical Regulations Conformity Certification / Construction Type Certification (Prev. TELEC) 【Japan】

● External Dimensions : Operation Panel



● External Dimensions : Control Unit



Notes :

1. The bracket can be mounted in any direction.
2. The bracket is shipped mounted as shown in the drawings above.

Operation Outline : Initial Setup ~ Login

Refer to the instruction manual for further information.

User-Friendly Application Enables Quick and Simple Initial Setup • User Registration

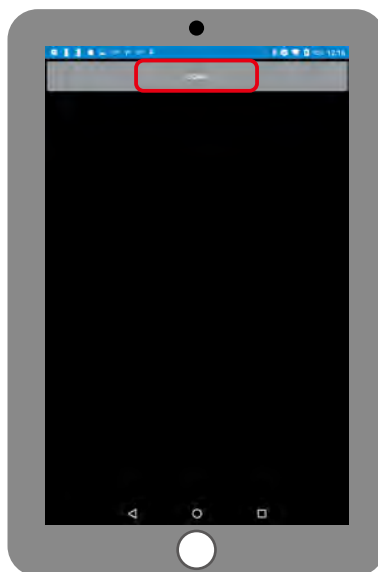
Activate the Application

Download the Remote Monitoring System Application



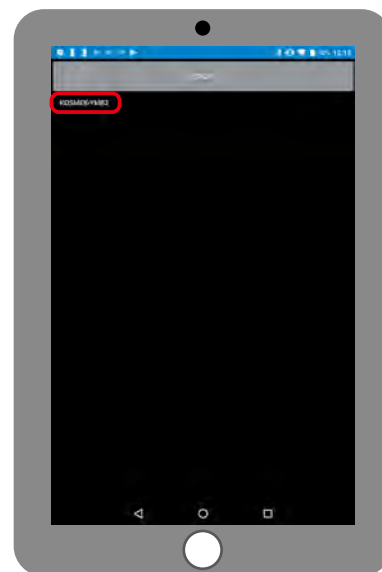
Find the Bluetooth

Tap [scan] to find the Bluetooth.



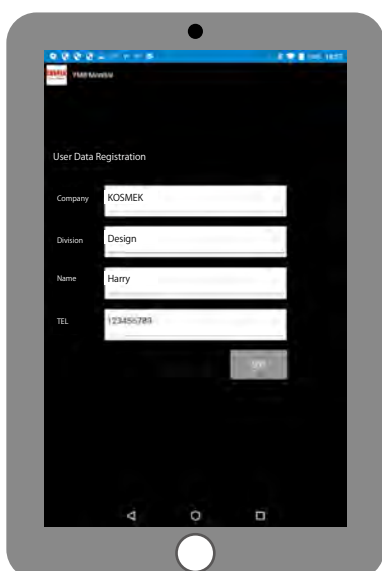
Pair with the Bluetooth

Tap [KOSMEK-YMB2] on the pairing list to pair with your device.



User Data Registration

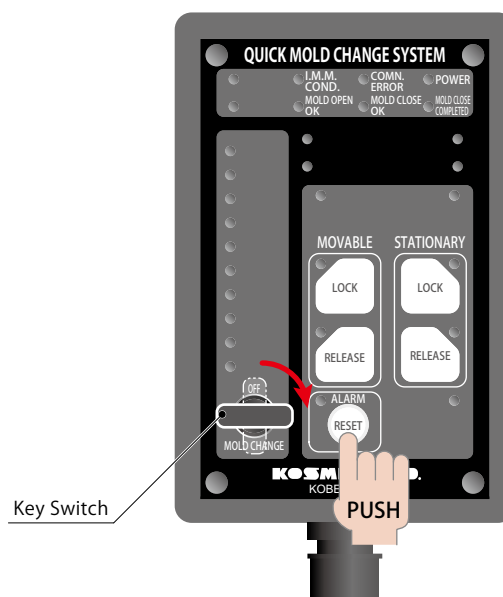
Enter user's information to register.



Operation Method of YMB Operation Panel

Operate YMB Operation Panel to Log In

- Turn the key switch "MOLD CHANGE" ON while pressing "RESET".

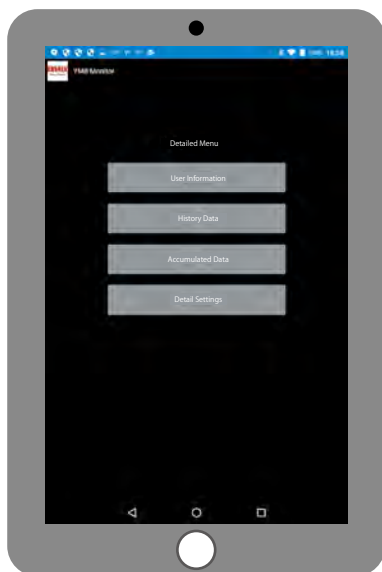


● Operation Outline : Display ~ Send Status Refer to the instruction manual for further information.

Quick Recovery of Mold Clamping System Possible
by sending accurate data to us while checking its status.

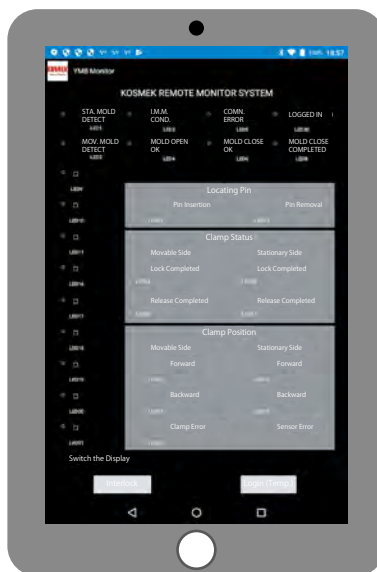
Detailed Menu

Select an item on the detailed menu you would like to check.



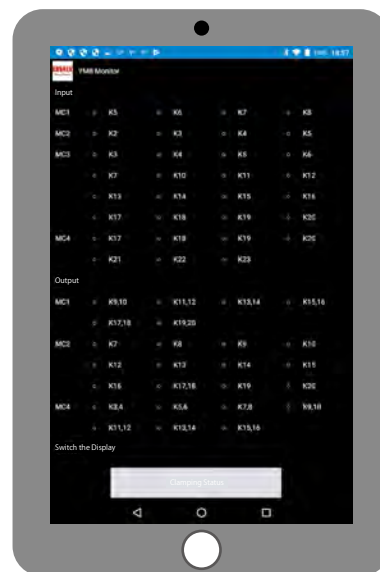
Clamping Status

Displays the same item as Operation Panel.



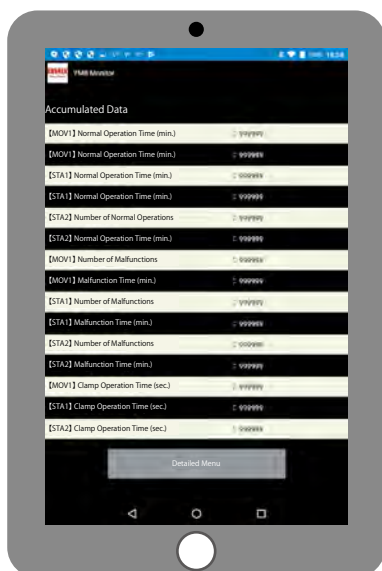
Input and Output Signal

Displaying I/O status enables to find errors immediately.



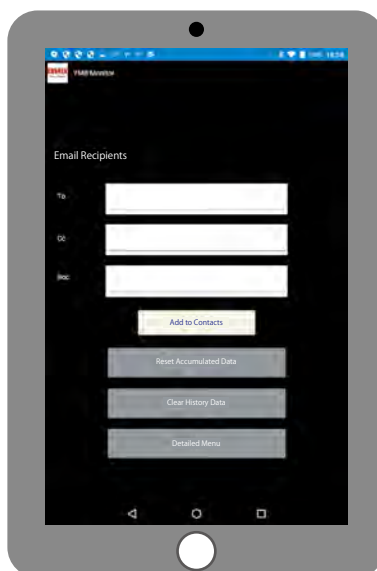
Operation History

Displays the operation history of clamping system.



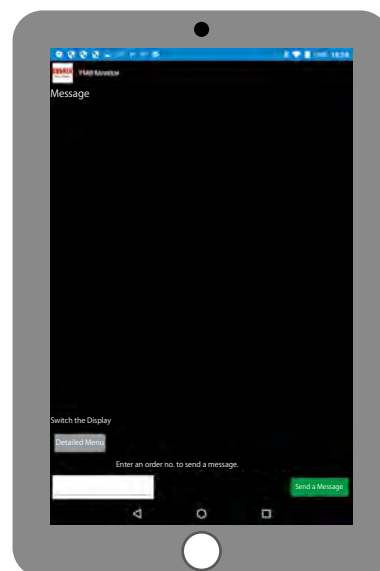
Email Recipients

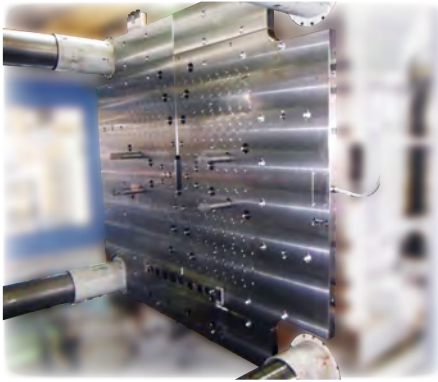
Able to enter and record email recipients.



Sending Messages

Able to enter comments and send them to us.





● Magnet Clamp System

The world's thinnest (37mm) magnet plate ensures safety and securely clamps the mold.



● Pneumatic Clamp System

Eco-friendly air operated clamps exert powerful clamping force and are equipped with a mechanical locking system.

New 40ton / 50ton models have been introduced for extra-large injection molding machines.



● Hydraulic Clamp System

Hydraulic clamps have powerful clamping force in a compact body. Kosmek also offers units that generate hydraulic pressure using only factory air.

KOSMEK
Harmony in Innovation

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<http://www.kosmek.com>

- FOR FURTHER INFORMATION ON UNLISTED SPECIFICATIONS AND SIZES, PLEASE CALL US.
- SPECIFICATIONS IN THIS LEAFLET ARE SUBJECT TO CHANGE WITHOUT NOTICE.

