

USER MANUAL

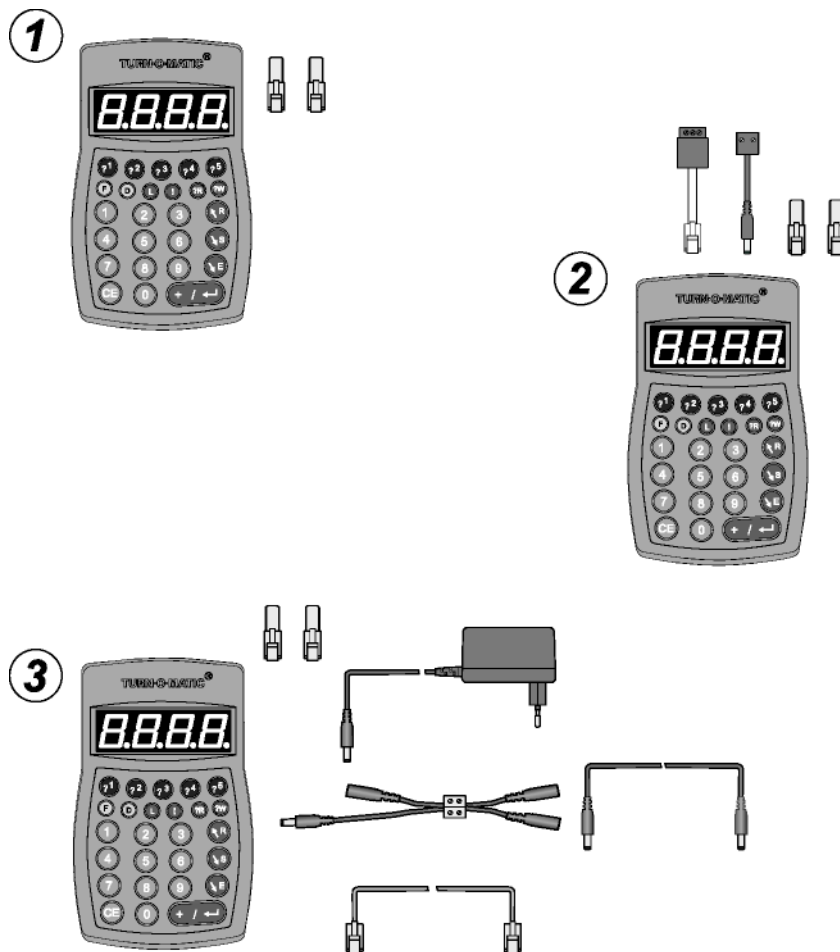
Keypad K900



Page #	USER MANUAL CONTENTS:
Keypad K900-2	Package Contents & Product Configurations
Keypad K900-3	Connections (On Bottom of K900 Keypad)
Keypad K900-4	Connection Adapters (V2 System Installation)
Keypad K900-5	Power Extension (PLUS Pack K900 Keypad)
Keypad K900-6	K900 Keypad Address Setting Procedure
Keypad K900-7	K900 Keypad TOM-Net Address Setting
Keypad K900-8	K900 Keypad Start-Up
Keypad K900-9	K900 Keypad Operation / M3 System
Keypad K900-10	K900 Keypad Operation / L3 System
Keypad K900-11	K900 Keypad ~ Additional Functions / L3 System
Keypad K900-12	Turn-O-Matic Contact Information

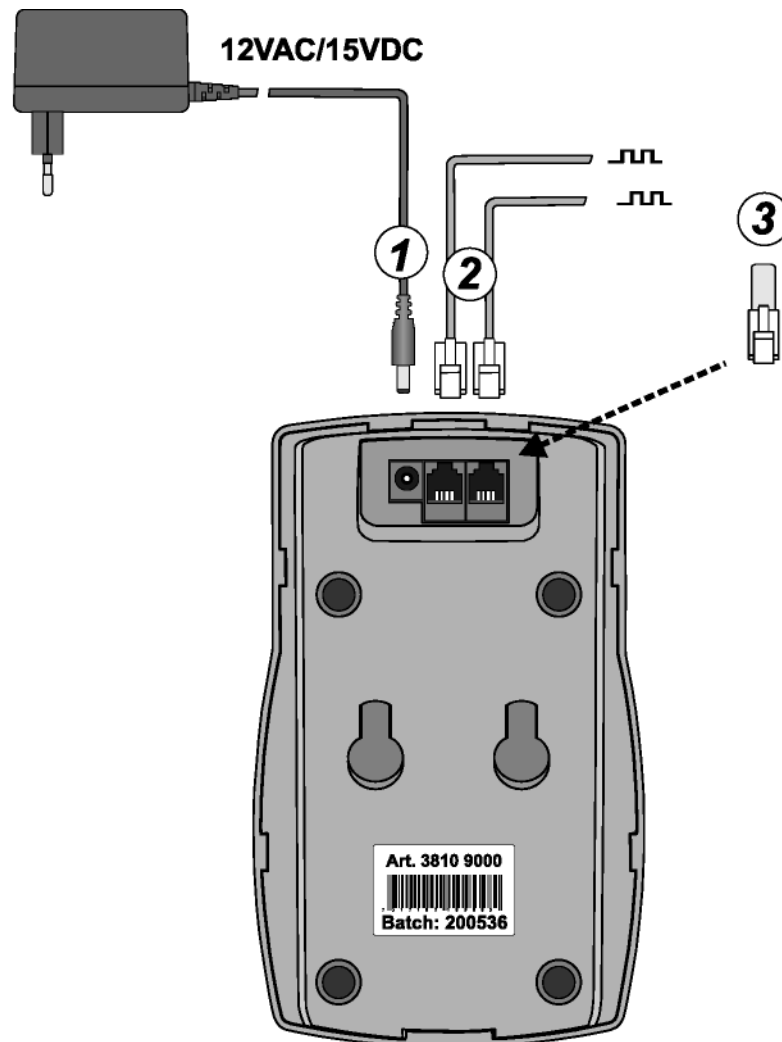
PRODUCT CONFIGURATIONS

1. Keypad K900, includes TOM-Net terminators.
2. Keypad K900 V2service, includes connection adapters for connecting to existing V2 cables (replacement for C900S or C900M).
3. PLUS Pack K900, includes K900 Keypad, Plug-In Power Supply, Power Extender, Power Extension Cable (5m) and TOM-Net Data Cable (25m).



CONNECTIONS (On Bottom of K900 Keypad)

1. Power In, 2.5mm DC plug, USE ONLY TYPE SWITCHCRAFT 760 or equal for proper fit. **DO NOT FORCE AN IMPROPER CD PLUG INTO THE DC JACK!**
2. TOM-Net data In/Out, RJ10 modular plug.
3. Every unit must be series connected with TOM-Net data cable. For the first and last units in the series, plug-in a TOM-Net terminator in the empty data port to properly terminate the network.

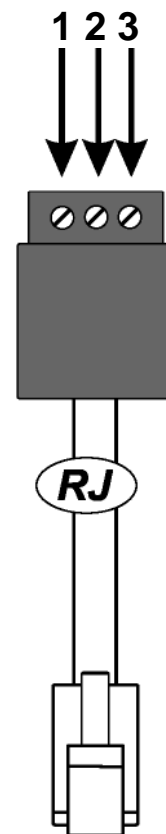


CONNECTION ADAPTERS (V2 System Installation)

To install K900 Keypad units into older V2 systems and connect to existing cables, use TOM connection adapters:

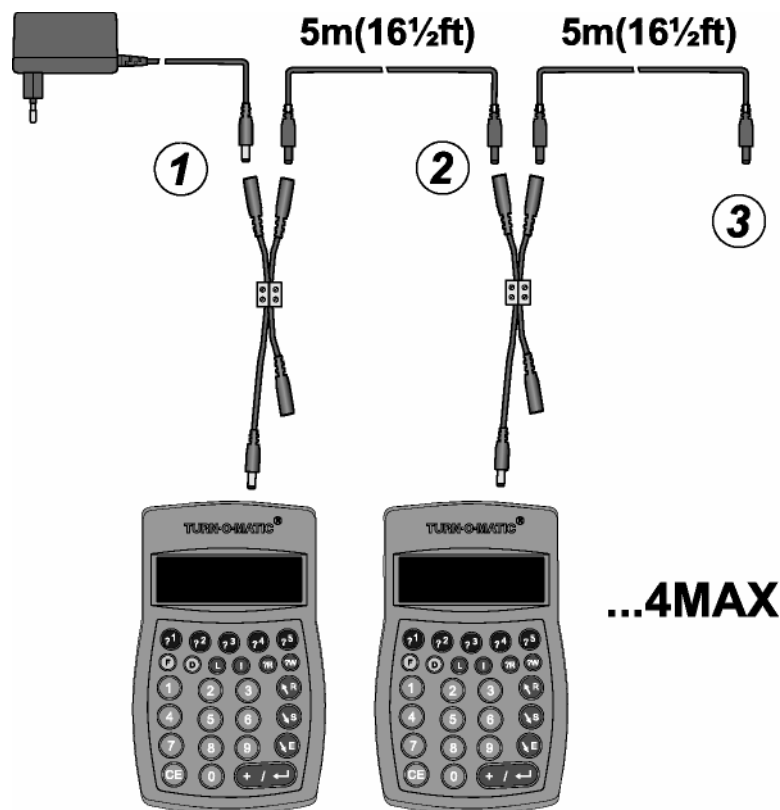
- DC ~ 12VAC:** Connect one lead to 1, and the other lead to 2
15VDC: Connect minus (-) lead to 1, and plus (+) lead to 2
RJ ~ TOM-Net: Connect shield to 1, white lead to 2 and brown lead to 3

12VAC / 15 VDC



POWER EXTENSION (PLUS Pack K900 Keypad)

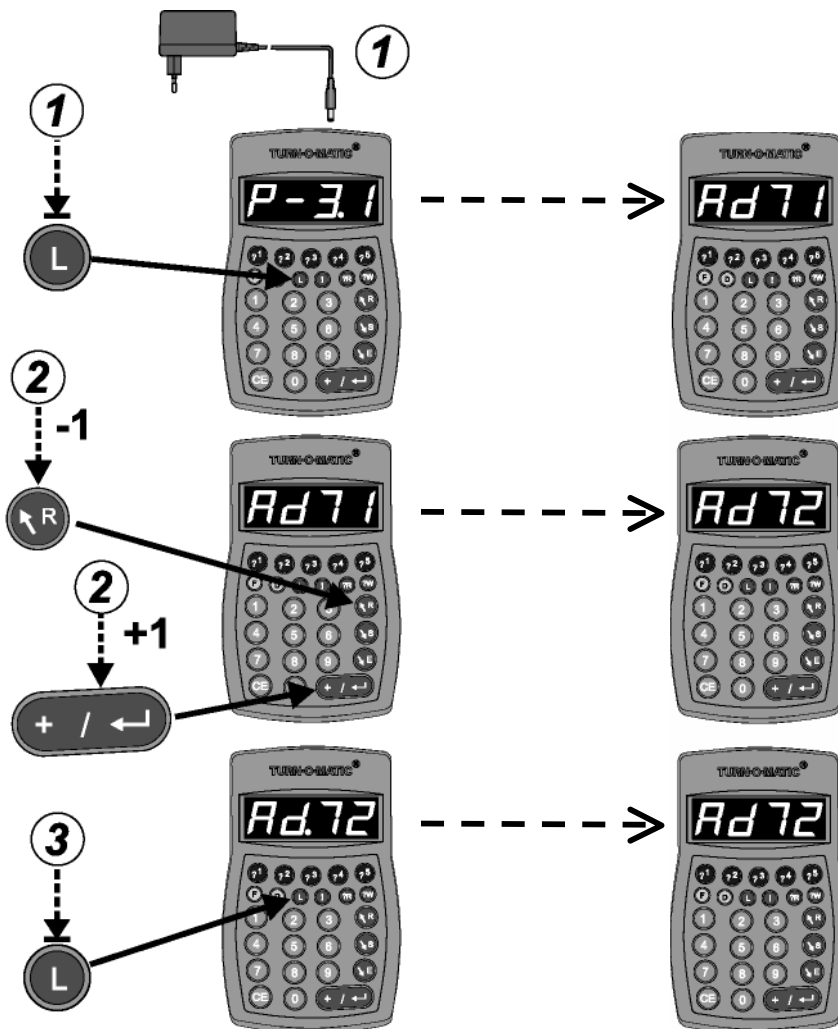
5. Plug in the power supply to the power extender, and plug in the power extender to the first K900 Keypad. Plug in the power extension cable to the power extender.
6. Plug in the power extension cable to the power extender at the next K900 Keypad and plug in the power extender to the K900 Keypad.
7. Continue the power extension up to a maximum of four (4) K900 Keypad units connected to one power supply.



K900 KEYPAD ADDRESS SETTING PROCEDURE

Another (') ?

1. Plug in power to the K900 Keypad. During the K900 Keypad start-up sequence, hold down the 'L' key 3+ seconds. The K900 Keypad will enter the address setting routine and display the currently set address as 'Ad.xx' where xx = address.
2. Press the ENTER key to change the address +1 or the R key to change the address -1. Pressing the R key first will start the address selection at address = 41.
3. Hold down the L key 3+ seconds to save the new address setting. Restart the K900 Keypad to start up with the new address.



K900 KEYPAD TOM-NET ADDRESS SETTING

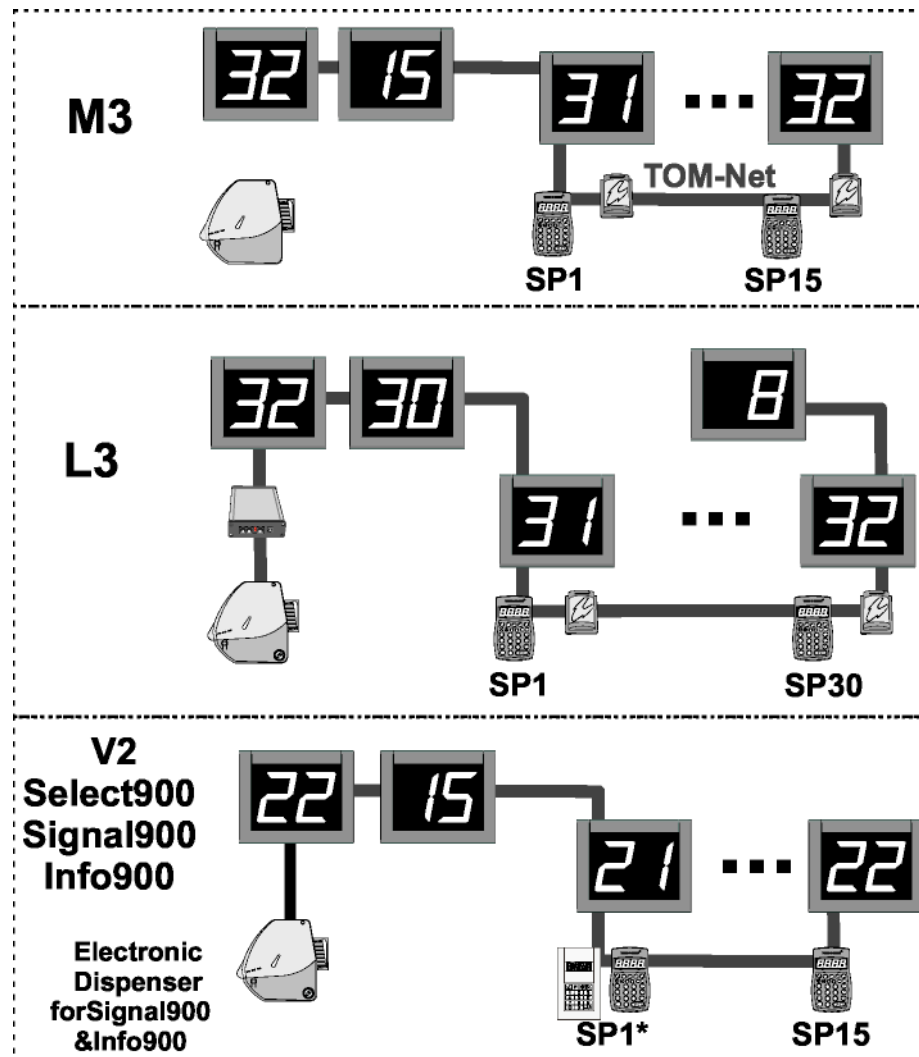
Set K900 Keypad address to these settings (**only one of each address per system, no duplicate addresses**):

M3: SP1 '71' ... SP15 '7F'

L3: SP1 '71' ... SP15 '7F', SP16 '81' ... SP30 '8F'

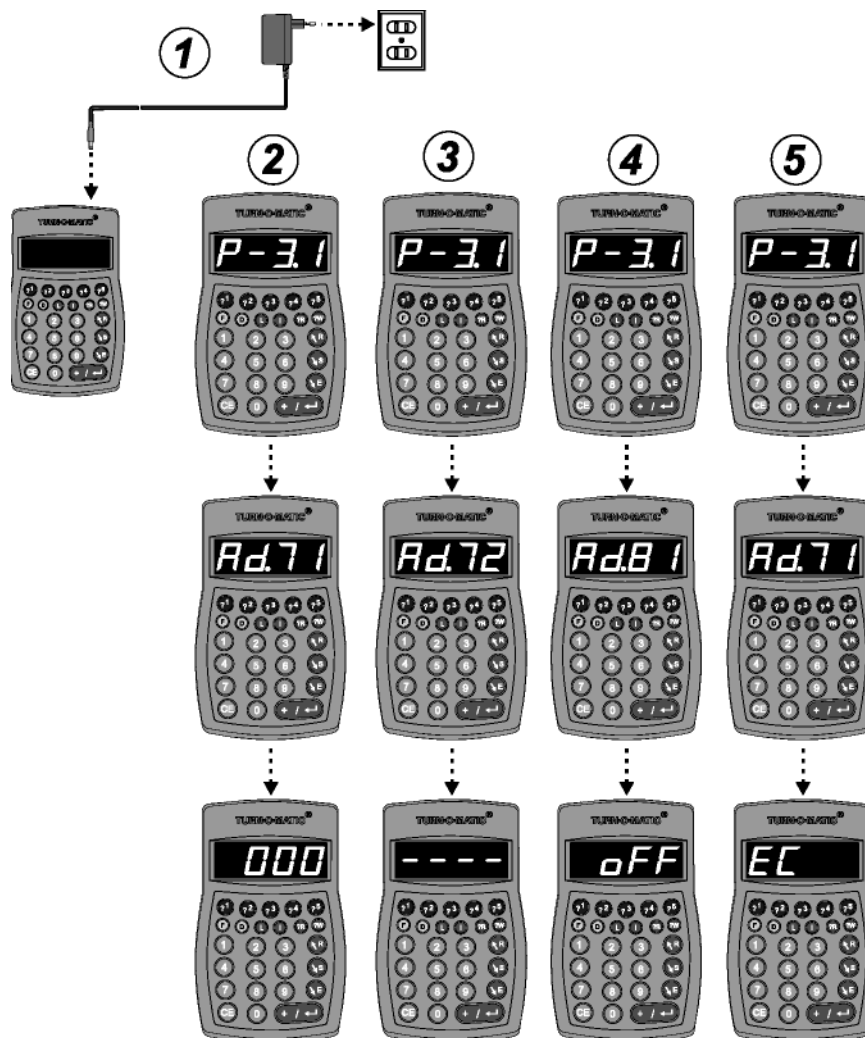
V2 Select 900 Ststem: SP1 '41' ... SP15 '4F'

V2 Signal & Info 900 System: SP2 '42' ... SP15 '4F' **NOTE:** K900 can only be used in Slave positions, SP2 ... SP15, with no **SP light cubes.**



K900 START-UP

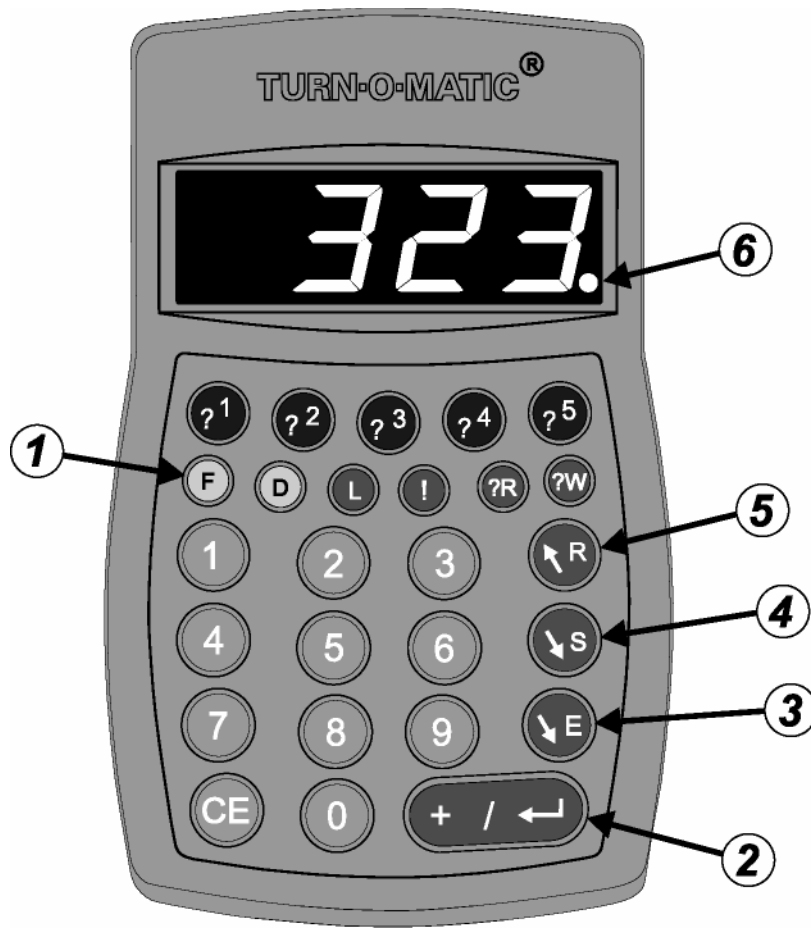
1. Connect power to the K900 Keypad. The K900 Keypad will display the start-up sequence: **Program Version ... TOM-Net ... Status**. The *Status* can be one of the following, depending on the set address:
2. If set to a M3 or V2 Master address (71 or 41), *Status* = **Number displayed at power OFF** (000 if first start).
3. If set to a non-Master address (72, 42 etc.) on an M3 or V2 system, *Status* = ' - - - ' (waiting for input).
4. If installed on an L3 system (ex. Address 81), *Status* = **oFF** (first start) or A.xxx (restart, A = logged on Service Type).
5. If a K900 is set to a duplicate address, *Status* = **EC** (Error Communication) on one of the duplicates.



K900 KEYPAD OPERATION / M3 SYSTEM

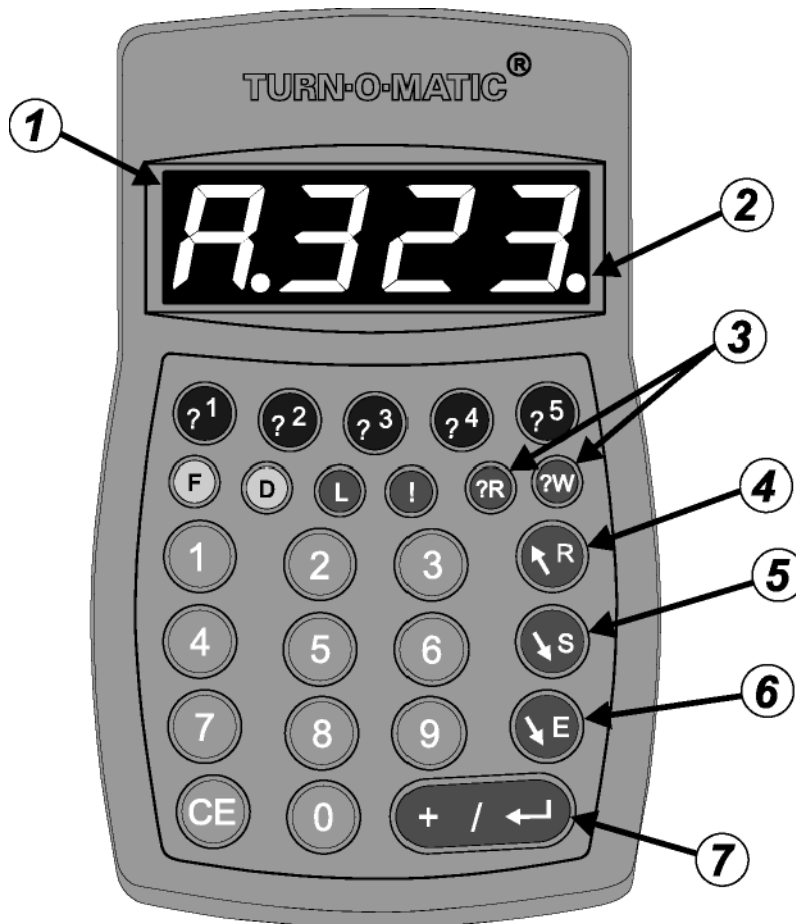
1. **F** key, function setting on Master K900 Keypad.
2. **ENTER** key, **steps** system number +1 on Indicator or sends keyed-in number to indicator.
3. **E** key, ends display of keyed-in “Repeat Display” number on indicator.
4. **S** key, saves displayed or keyed-in number for ‘Repeat Display’ on indicator.
5. **R** key, **steps** system number -1.
6. Keyed-in number indicator, lights when a selected number is being keyed in and goes out when Enter key is pressed to send number to indicator.

See M3 START pack User Manual for details.



K900 KEYPAD OPERATION / L3 SYSTEM

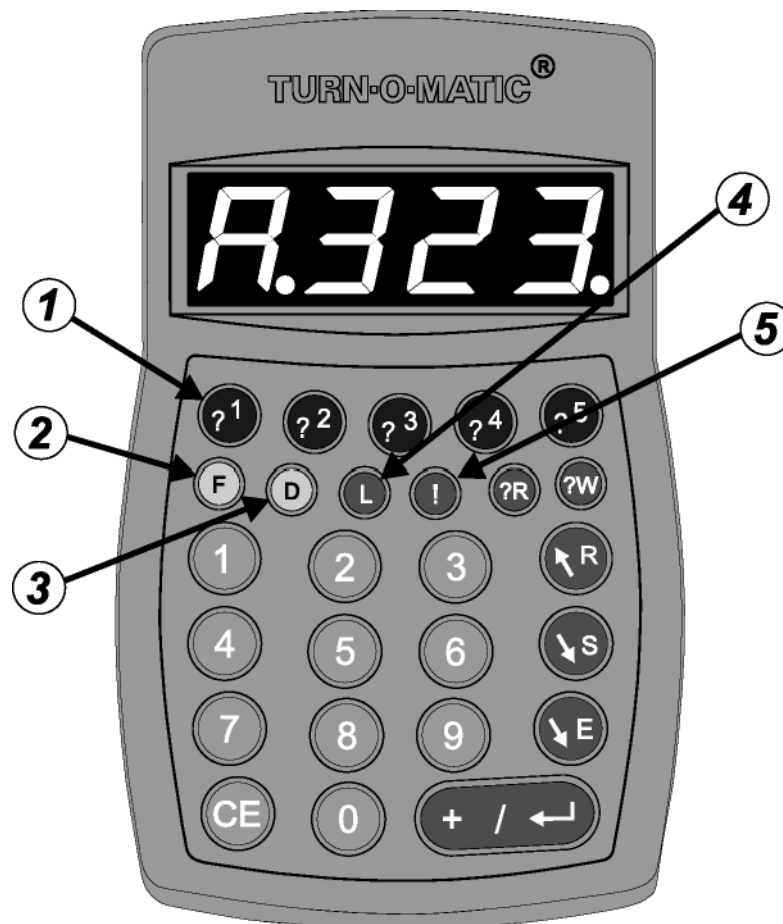
1. Logged in Service Type.
2. Keyed-in number indicator, lights when a selected number is being keyed in, and goes out when **ENTER** key is pressed.
3. **?W** and **?R** keys, show number of customers waiting for first service and recall service.
4. **R** key, scroll recall numbers. Press **ENTER** to send displayed number to indicator or **?R** key to escape from scrolling.
5. **S** key, save displayed number for recall.
6. **E** key, end service for displayed number.
7. **ENTER** key, **step** system number +1 on Indicator or send keyed-in number to Indicator. K900 Keypad displays ??? if there are no waiting customers or number is not available.



K900 KEYPAD ~ ADDITIONAL FUNCTIONS / L3 SYSTEM

1. ?1 . . . ?5 keys, mark displayed number with Inquiry Type in service transaction data.
2. F key, function setting on K900 Keypad.
3. D key, put ticket dispenser OFF line for changing ticket roll during operation.
4. L key, log in to a Service Type A...E or log OFF.
5. ! (Attention) key, call for supervisor help by displaying SP or ALIAS number on Help Indicator.

See L3 START Pack User Manual for details.



TURN-O-MATIC CONTACT INFORMATION:

CUSTOMER SERVICE:

- **Customer Service**
SATO LABELING SOLUTIONS AMERICA, INC.
1140 Windham Parkway
Romeoville, IL 60446

Customer Service Toll Free Phone #: (800) 645-3290, Ext. 8
Customer Service Direct Phone #: (630) 771-4200, Ext. 8
Customer Service Fax #: (630) 771-4250

TECHNICAL CENTER:

- **Technical Center**
SATO LABELING SOLUTIONS AMERICA, INC.
30 Chapin Road, Suite 1201
PO Box 777
Pine Brook, NJ 07058

Technical Center Toll Free Phone #: (800) 205-7611, Ext. 3654
Technical Center Direct Phone #: (973) 287-3654
Technical Center Fax #: (973) 227-3961