RTA-600 Time**Attendance**Recorder
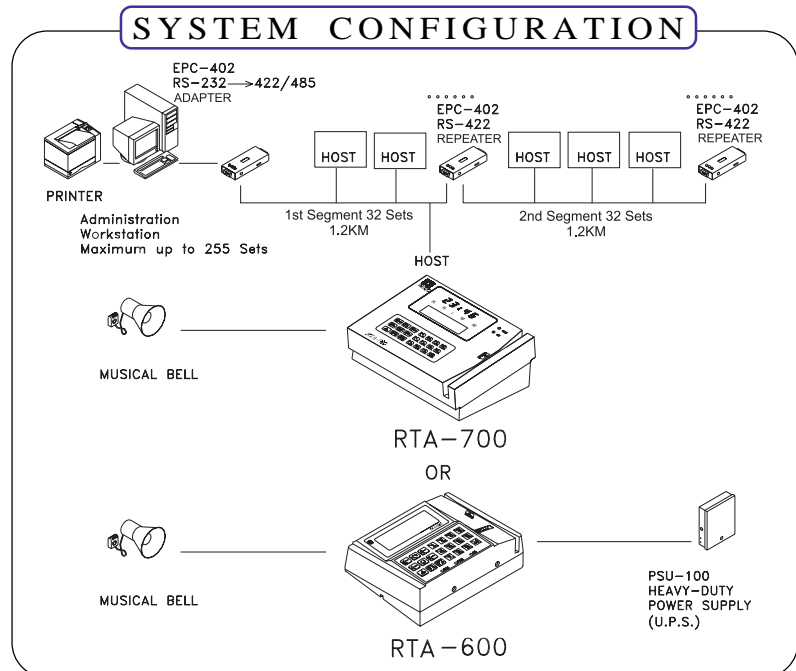# RTA-700
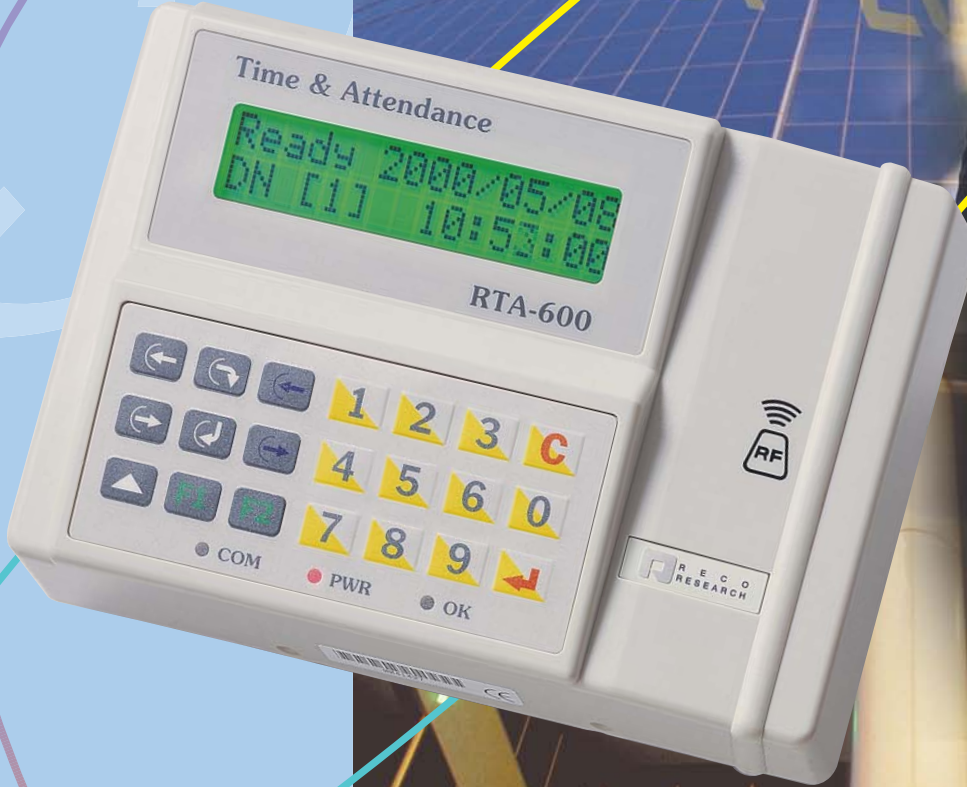
FEATURES

RTA-600	RTA-700	
●	●	Stand alone or on-line with PC. It is capable to connect up to 255 sets through RS-485.
●		Capable to connect slave readers.
●	●	External modem for communication between headquarters and branch offices.
●	●	Large LCD to show current time, badge number, date shift, duty status and English name.
●	●	Changeable 6 shifts operation mode and 16-shift selection.
●	●	20 sets timing for siren, which could be activated according to timetable status.
●	●	External parallel printer for on time management.
●	●	128K storage buffer for 6000 transaction records.
●	●	Time attendance-cum-access control function.
●	●	Database could be saved in DBF of ASCII format.
●	●	Programmable maximum swipe card failure.
●	●	System will warn when memory buffer is 80% full. It will stop accepting data when 90% full.
●	●	Capable to set whether to record invalid transaction and check duplication of swiping card in order to save memory capacity.
●	●	Provides self-test code to detect during system failure.
	●	Master card for stand alone operation.
	●	Large LED to show current time.
	●	Provides 1 DC 12V output for musical bell.
	●	Provides built-in switching power supply.
up to 60 minutes	up to 6 hours	Built-in UPS to operate during power failure, while data could be kept in controller for 30 days. (Option: 10 years)

SPECIFICATIONS

	RTA-600	RTA-700
Bar Code Reader	Infra red slot reader: Resolution 0.15mm, Scanning speed: 100~1000mm/sec	
Magnetic Stripe Reader	ISO Standard Track: T1, T2 or T3	
Proximity Reader	Communication interface: ABA- Track 2	——
Input Device	Push Button	——
Output Device	2 relay outputs	2 relay outputs
Indicators	LCD & LED display	LCD & LED display
Keypads	21 Keys	21 Keys
Memory	64K ROM, 128K SRAM	64K ROM, 128K SRAM
Communication Interface	RS-232, RS-422, RS-485	RS-232, RS-422, RS-485
Beep Tone	YES	YES
Operating Voltage	DC 12V, 600mA	AC 100V-240V, 50/60Hz
Power Consumption	7W (max)	20W (max)
Baudrate	9600bps-N-8-1	9600bps-N-8-1
Batter Shelf Life	1 year	1 year
Relay Control Termina	2 relay outputs for door and siren	2 relay outputs for door and siren
Operation Temperature	-20°C~55°C / -4°F~131°F	-20°C~55°C / -4°F~131°F
Relative Humidity	20% ~ 95%	20% ~ 95%
Dimensions	140mm(L) X 205mm(W) X 70mm(H)	194mm(L) X 260mm(W) X 100mm(H)
Weight	800g	3200g

SYSTEM CONFIGURATION

EPC-402
RS-232——>422/485
ADAPTER

EPC-402
RS-422
REPEATER

EPC-402
RS-422
REPEATER

HOST HOST HOST HOST HOST

PRINTER

Administration
Workstation
Maximum up to 255 Sets

1st Segment 32 Sets
1.2KM

2nd Segment 32 Sets
1.2KM

HOST

MUSICAL BELL

RTA-700

OR

MUSICAL BELL

RTA-600

PSU-100
HEAVY-DUTY
POWER SUPPLY
(U.P.S.)

RECO

The manufacture reserves the right to revise this publication without obligation to notify any person or organization of such revisions.