

# COOPER CONTROLS

UX & UI FOR AN ENERGY MANAGEMENT SYSTEM

## MAIN MENU

PANEL: << < 1: LCP2-456 > >>

OUTPUTS

INPUTS - ANALOG

INPUTS - SWITCH

TIME SCHEDULES

HOLIDAYS

MASKS

1: KITCHEN

2: LOBBY

3: CONF R1

4: CONF R2

5: BATHRM2

6: BATHRM1

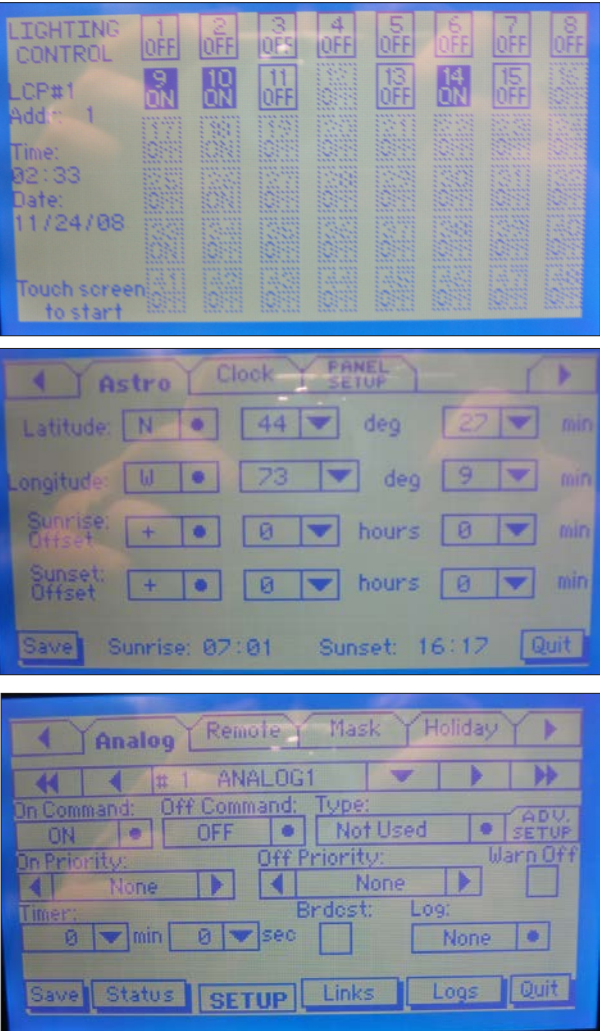
↑

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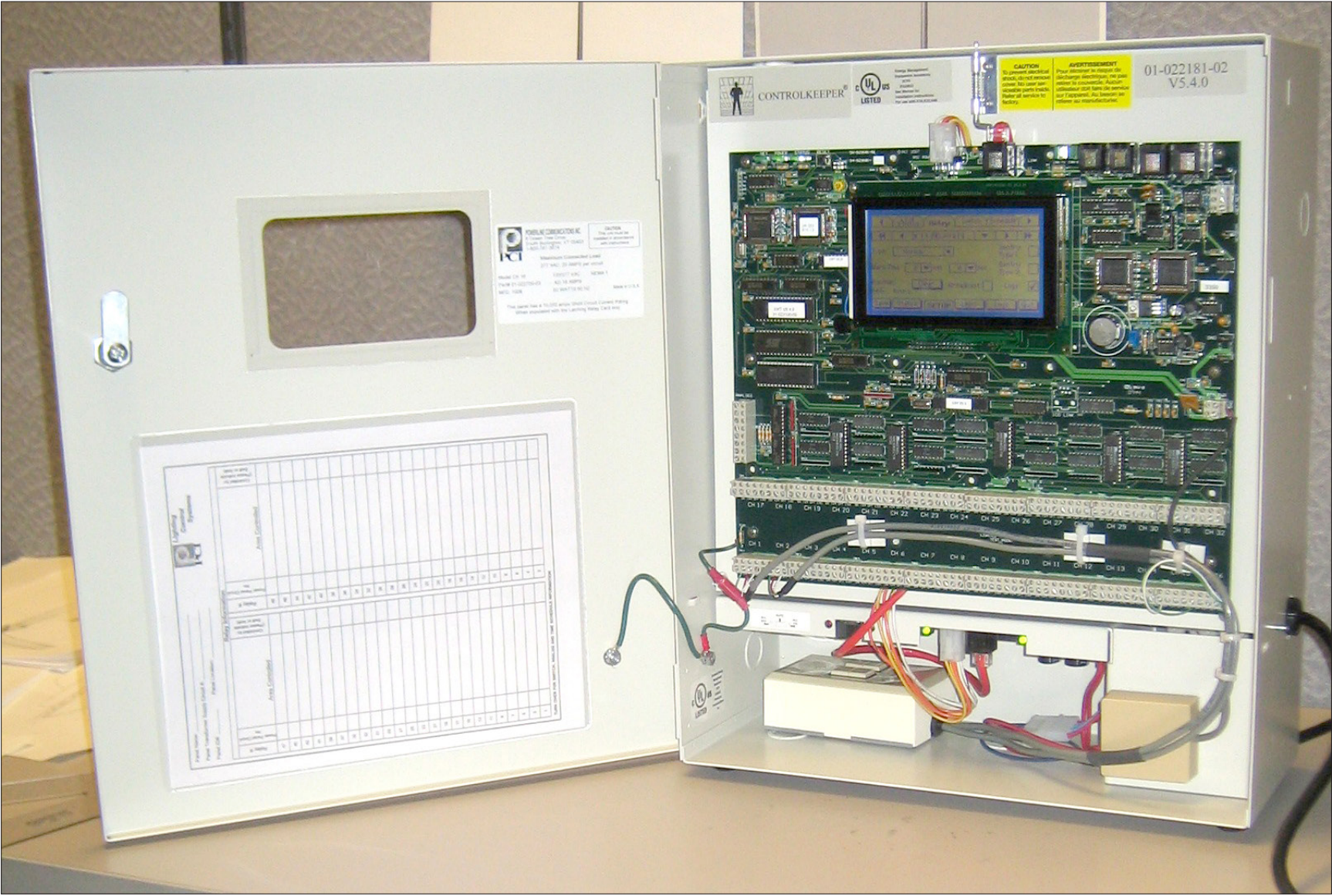
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# EXISTING SWITCH PANEL

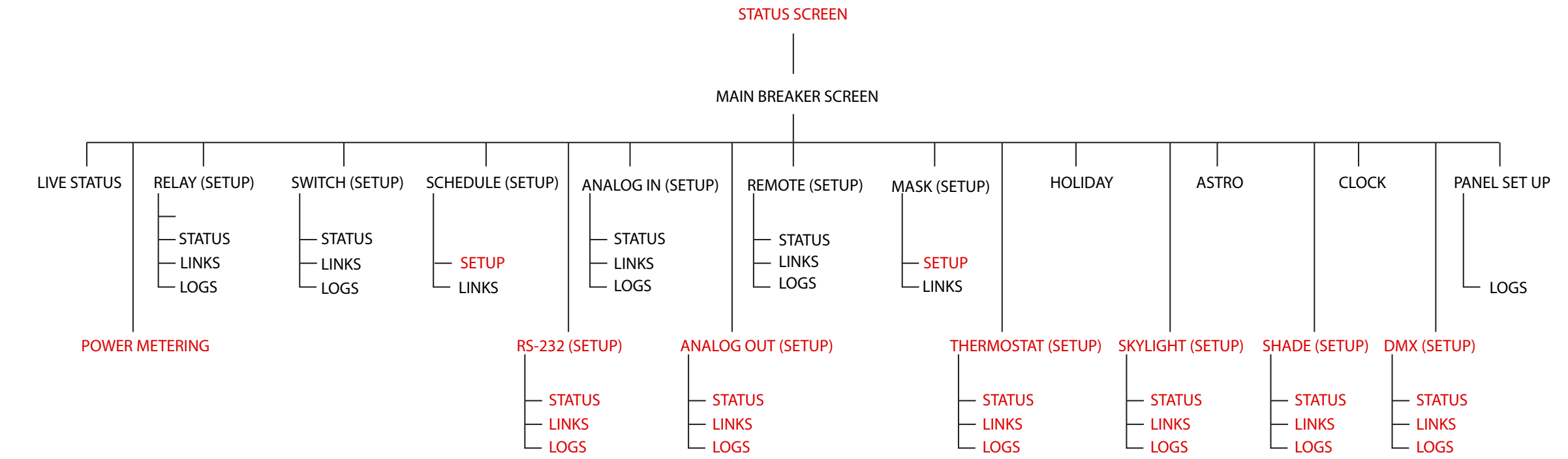


SCREEN SAMPLES

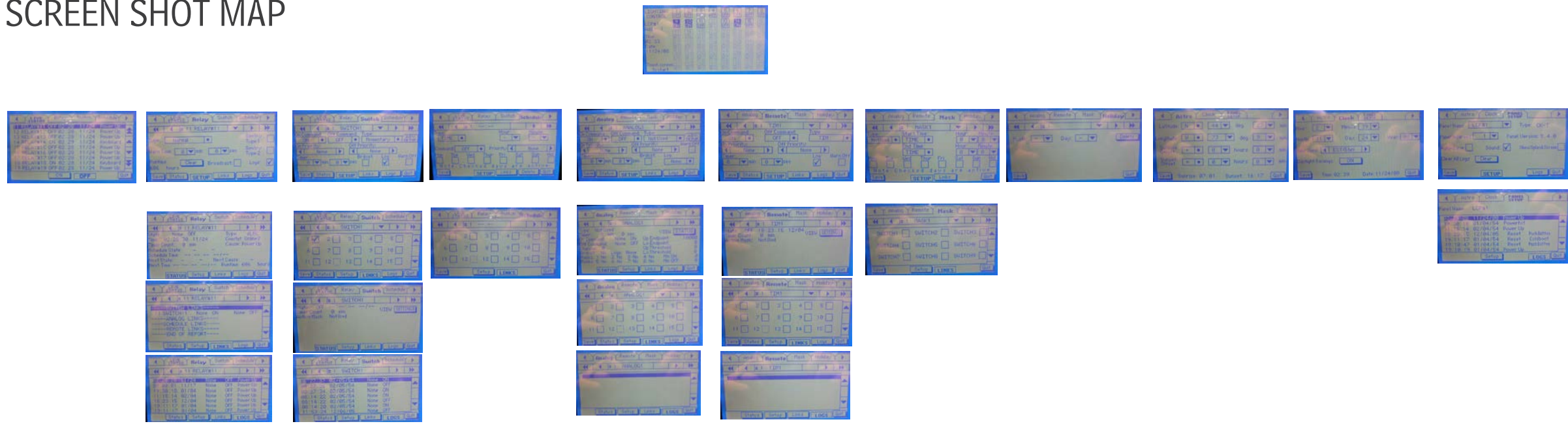




# EXISTING INTERFACE MAP



# SCREEN SHOT MAP



WIRE FRAMES OF NEW PROPOSED HIERARCHY - REDUCED CLICK THROUGH FROM 8 TO 2

TIME

ADMINISTRATIVE

NEW  
DEVICE

EDIT  
DEVICE

TIME

ADMINISTRATIVE

NEW  
DEVICE

EDIT  
DEVICE

DEFINE TYPE OF DEVICE:

ANALOG IN

ANALOG OUT

DMX

RELAY

RS-232

SHADE

SKYLIGHT

SWITCH

THERMOSTAT

TIME

ADMINISTRATIVE

NEW  
DEVICE

EDIT  
DEVICE

ANALOG OUT #1

SAVE

STATUS

SETUP

LINKS

LOGS

QUIT

ON COMMAND

OFF COMMAND

TYPE

ON PRIORITY

OFF PRIORITY

LOG

MINUTES

SECONDS

TIMER

WARN OFF

BROADCAST

TIME

ADMINISTRATIVE

NEW  
DEVICE

EDIT  
DEVICE

TIME

ADMINISTRATIVE

NEW  
DEVICE

EDIT  
DEVICE

VIEW BY SOURCE

SOURCE

NAME

DMX 1

OPEN OFFICE 1

DMX 1

OPEN OFFICE 2

DMX 1

OPEN OFFICE 3

ANALOG IN 1

LOBBY PHOTOCELL

SKYLIGHT 1

LOBBY

SKYLIGHT 2

ATRIUM

SKYLIGHT 3

CEO OFFICE

SHADE 1

LOBBY

SHADE 2

EAST HALLWAY

SHADE 3

WEST HALLWAY

TIME

ADMINISTRATIVE

NEW  
DEVICE

EDIT  
DEVICE

ANALOG IN 1: LOBBY PHOTOCELL

SAVE

STATUS

SETUP

LINKS

LOGS

QUIT

ON COMMAND

OFF COMMAND

TYPE

ON PRIORITY

OFF PRIORITY

LOG

MINUTES

SECONDS

TIMER

WARN OFF

BROADCAST

AESTHETIC  
CONCEPT 1



MAIN MENU

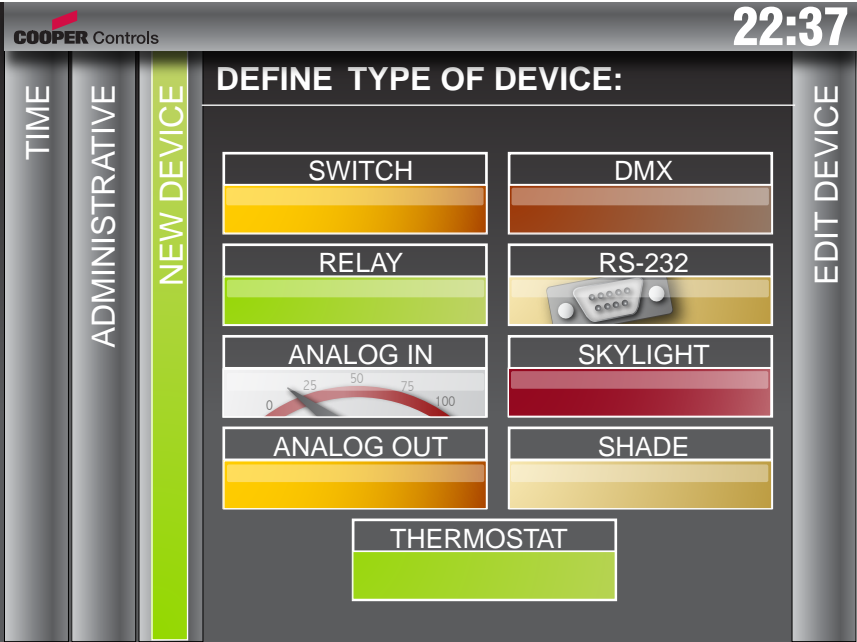


RS-232 SET UP SCREEN

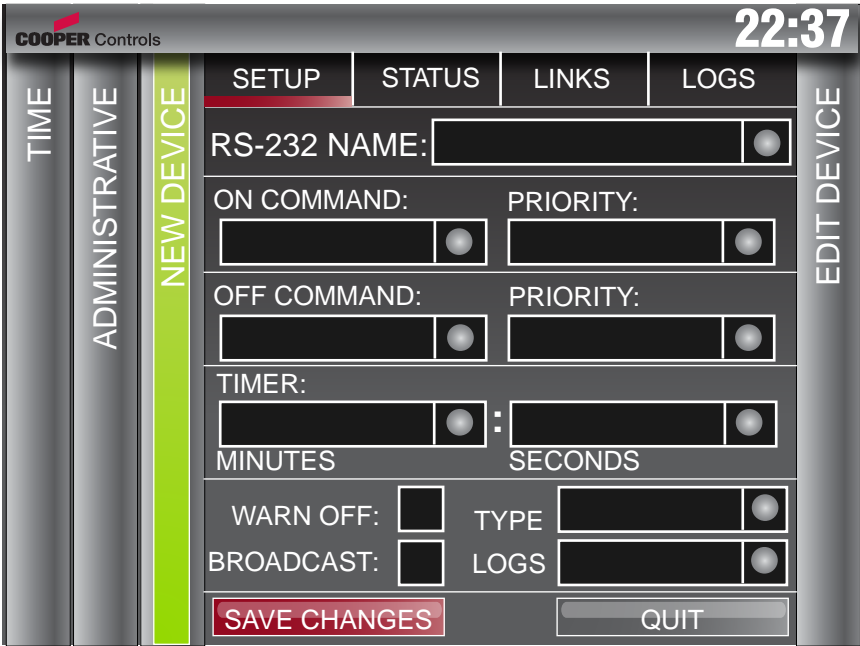


ROUND "SET" BUTTON BY MINUTES PRESSED

AESTHETIC CONCEPT 2



DEFINING NEW DEVICE



DEVICE SETUP

AESTHETIC  
CONCEPT 3



MAIN MENU



DEVICE SETUP



ROUND "SET" BUTTON BY MINUTES PRESSED

AESTHETIC CONCEPT 4 & 5

MAIN

TIME

ADMIN TASKS

NEW DEVICE

EDIT DEVICE

DEFINE NEW DEVICE TYPE:  
VIEWING REMOTE PANEL #5

SWITCH

RELAY

ANALOG IN

ANALOG OUT

DMX

RS-232

SKYLIGHT

SHADE

THERMOSTAT

COOPER Controls

Greengate  
energy conservation systems

BACK

22:37

NEW DEVICE MENU

HOME/STATUS  
···OUTPUTS  
···INPUTS  
···ANALOG IN  
···SCHEDULE  
···LINKS  
···HOLIDAY  
···MASK  
···FEEDBACK  
···SNAPSHOTS

RS-232: #  
NAME:  
ON COMMAND:  
PRIORITY:  
TYPE: ADV.  
LOG: WARN OFF: BROADCAST:  
LINKS...  
BACK  
22:37  
SAVE CHANGES

MAIN

TIME

ADMIN TASKS

NEW DEVICE

EDIT DEVICE

SETUPSTATUSLINKSLOGS

RS-232: #  
NAME:  
ON COMMAND  
PRIORITY  
TIMER  
OFF COMMAND  
PRIORITY  
WARN OFF:  
BROADCAST:  
TYPE  
LOG  
SAVE CHANGES  
BACK  
22:37

RS-232 DEVICE SETUP



AESTHETIC CONCEPT 6



RS-232: #

NAME:

22:37

ON COMMAND

PRIORITY

OFF COMMAND

PRIORITY

TYPE *ADV.*

TIMER

LOG: ☐ WARN OFF: ☐ BROADCAST: ☐

LINKS...

MENU TREE

SAVE CHANGES

BACK

HOME/STATUS

...OUTPUTS

...INPUTS

ANALOG IN

...SCHEDULE

...LINKS

...HOLIDAY

...MASK

...FEEDBACK

...SNAPSHOTS

SELECT

RS-232: #

NAME:

22:37

OFF COMMAND

PRIORITY


TYPE *ADV.*

TIMER

BROADCAST: ☐

LINKS...

MENU TREE



SAVE CHANGES

BACK

# FINAL AESTHETIC DIRECTION AND LAYOUT

MAIN MENU

PANEL: << < 1: LCP2-456 > >>

OUTPUTS

INPUTS - ANALOG

INPUTS - SWITCH

TIME SCHEDULES

HOLIDAYS

MASKS

1: KITCHEN

2: LOBBY

3: CONF R1

4: CONF R2

5: BATHRM2

6: BATHRM1

PANEL: 1: LCP2-456 << < 3: CONF R1 > >>

SETTINGS

STATUS

PRIORITY

RANGE

LINK

DIMMING

OPEN LOOP

NAME: < >

CHANNEL: < >

INPUT TYPE: < >

SENSOR TYPE: < >

LOG TYPE: < >

BROADCAST: < >

TIMER: < >

WARN: < >

LISTENER: < >

BACK

NAME INPUTS - ANALOG

< >

A B C D E F G H I J K

L M N O P Q R S T U V

W X Y Z 1 2 3 4 5 6 7

8 9 0 DEL < >

SAVE CHANGES CANCEL