Color QUAD System

User's Manual

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ZOOM
CH1
CH2
CH3
CH4
ENTER
FREEZE
MENU
POWER
COLOR QUAD SYSTEM
MODE
PB
AUTO

VIDEO 1
VIDEO 2
VIDEO 3
VIDEO 4
VCR IN
VCR OUT
MONITOR
DC 12V

System Features

- Connects up to 4 Video Camera
  - Adjustable Brightness, Contrast, Saturation, Hue and Sharpness

- High Resolution
  - 720X480 60Hz for NTSC
  - 720X576 50Hz for PAL

- Various Display Mode
  - QUAD Split Mode
  - Full Screen Mode
  - PIP Screen Mode
    - 1 PIP Screen Mode
    - 2 PIP Screen Mode
  - Auto Sequence Mode

- High Performance Freeze Function
  - Flicker Free Image Captured

- High Performance Zoom Function
  - Selectable Zoom Area

- Various Overlay Information
  - Camera Title
  - Real Time and Date
  - Alarm/Loss/Motion Message

- Provide Various Event Input
  - Video Loss Detection
  - Motion Detection
  - 60 Event Report
  - Built-in Buzzer

Power Jack Connection

DC 12V/2A, 2.1mm Jack, Center is positive.

Key Definition

Func2
Func1

Short Key
Press for less than 1 second

Func2
Func1

Long Key
Press for more than 1 seconds

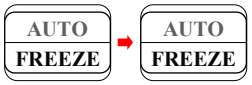
Invoke SETUP Menu

Reference Setup Menu Operation.

MENU

Setup menu

Invoke FREEZE Function
All channel images enter freeze status when freeze function is invoked. Zoom function can be invoked while freeze function is running.



Invoke Exit

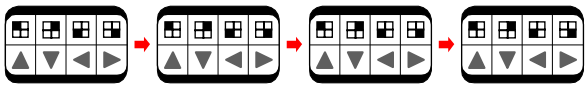
Invoke AUTO SEQUENCE Function
AUTO key invokes auto sequence display mode.

Auto sequence

Change DISPLAY Mode
The display modes are circulated as QUAD, PIP1 and PIP2 with pressing each MODE key.

QUAD PIP1 PIP2

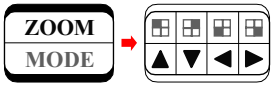
Select full screen for PIP1 and PIP2 display mode
The first long channel key for PIP1 and PIP2 mode defines out picture channel and the second, third and forth long key define in picture channel.



Out picture channel | In picture channel 1 | In picture channel 2 | In picture channel 3

Invoke 2X ZOOM Function

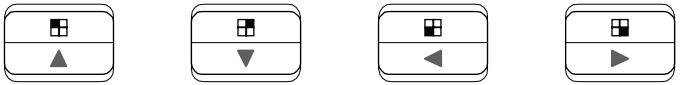
A zoomed area can be moved by pressing 4 arrow keys anytime when zoom function is invoked. Freeze function can be executed while zoom function is running.



Invoke Exit

Select SINGLE SCREEN CAMERA

4 channel keys select camera to be display as full screen.

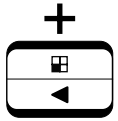


Camera 1 Camera 2 Camera 3 Camera 4

Select PAL/NTSC SYSTEM

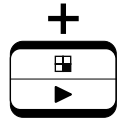
System can be defined by pressing each channel key when the power switch is turn on.

Connect Power Cable



PAL

Connect Power Cable

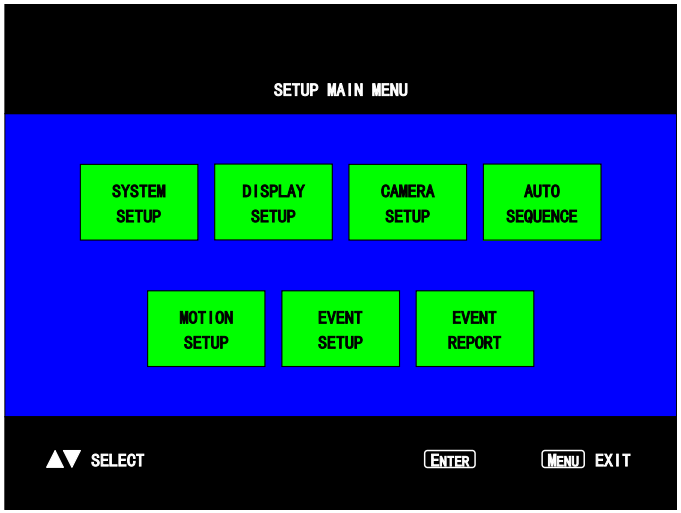


NTSC

Setup Menu Operation

The system provides GUI setup screen. Each menu screen is separated into three parts. Screen title is displayed in upper region and menu items are located in middle of screen. The key function is described in lower region.

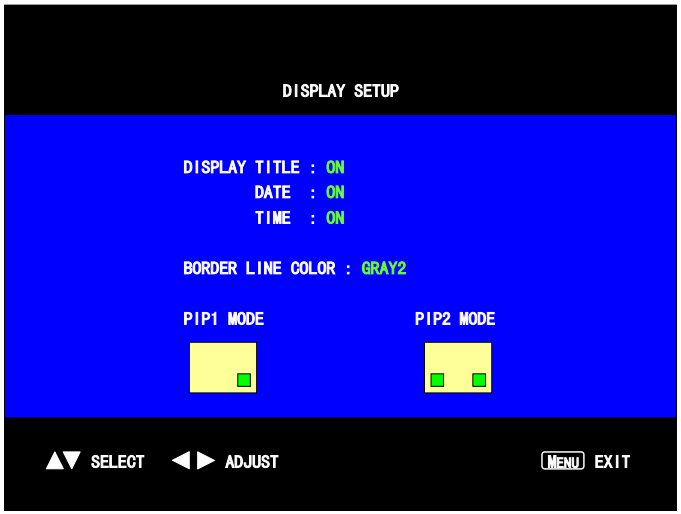
SETUP MAIN MENU



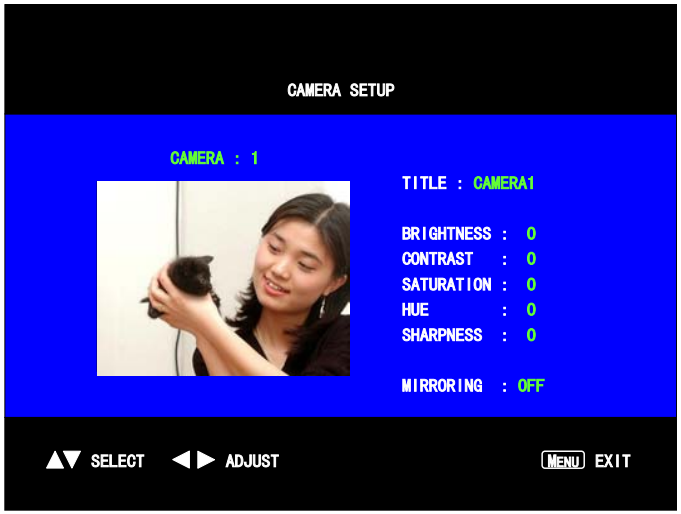
SYSTEM SETUP MENU

FACTORY RESET MENU

DISPLAY SETUP MENU



CAMERA SETUP MENU



AUTO SEQUENCE SETUP MENU

MOTION SETUP MENU

MOTION SETUP
CAMERA : 1
DETECTION TIME
ALWAYS OFF
ON : 11:00:00
OFF : 12:00:00
SENSITIVITY : 0
VELOCITY : 0
MASKING AREA
[X,Y] = (0, 0)
SELECT
ADJUST
MENU EXIT

EVENT SETUP MENU

EVENT REPORT

EVENT REPORT
1 OF 6 PAGE
NO YY-MM-DD HH:MM:SS CH EVENT
1 04-07-30 16:56:08 1 LOSS
2 04-07-30 16:56:08 2 ALARM
3 04-07-30 16:56:08 3 MOTION
4 04-07-30 16:56:08 4 LOSS
PAGE
MENU EXIT