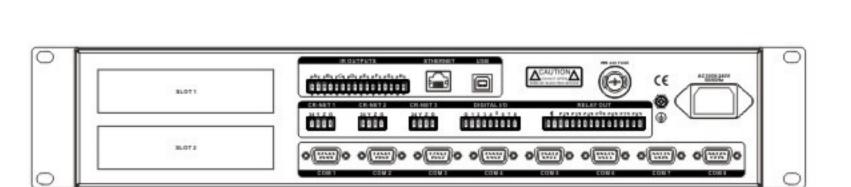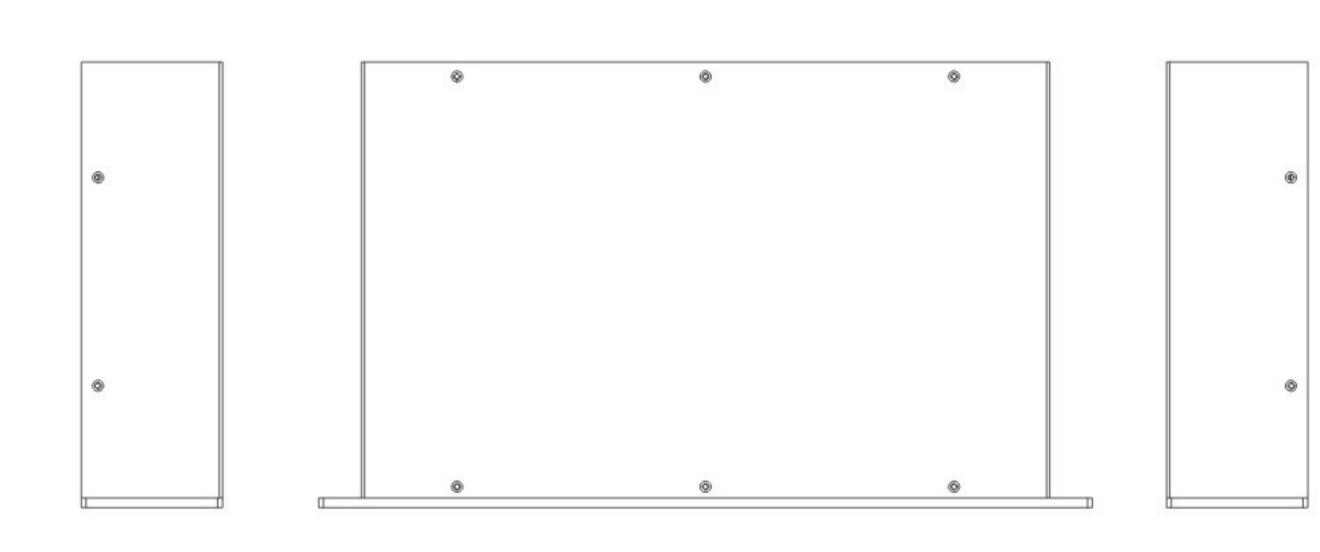# CR-PGMⅡ
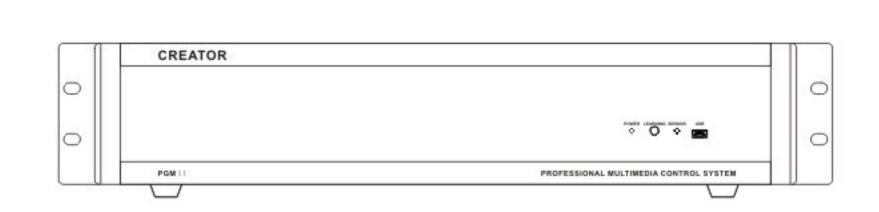## Programmable controller

CR-PGMⅡ

Size(mm)：
483.0（L)X260.0（W)X88.1（H)

Product overview

CR-PGMⅡ is the new generation of main control system. Using the advanced integrated technology, it provides high speed precise control environment, a variety of programmable control interface and open user programming environment, so as to complete complex control interface programming.

CR-PGMⅡ has ARM7 CPU, 8M ram, 2M Flash memory. Equipped with a plurality of programmable serial, support the expansion card, terminal controlled equipment with serial, infrared, IO, digital relay interface. CR-PGMⅡ also provides two expansion slots for installing the expansion card. It can be installed with telephone control card, AV matrix card, soundcard and so on, more powerful than before.
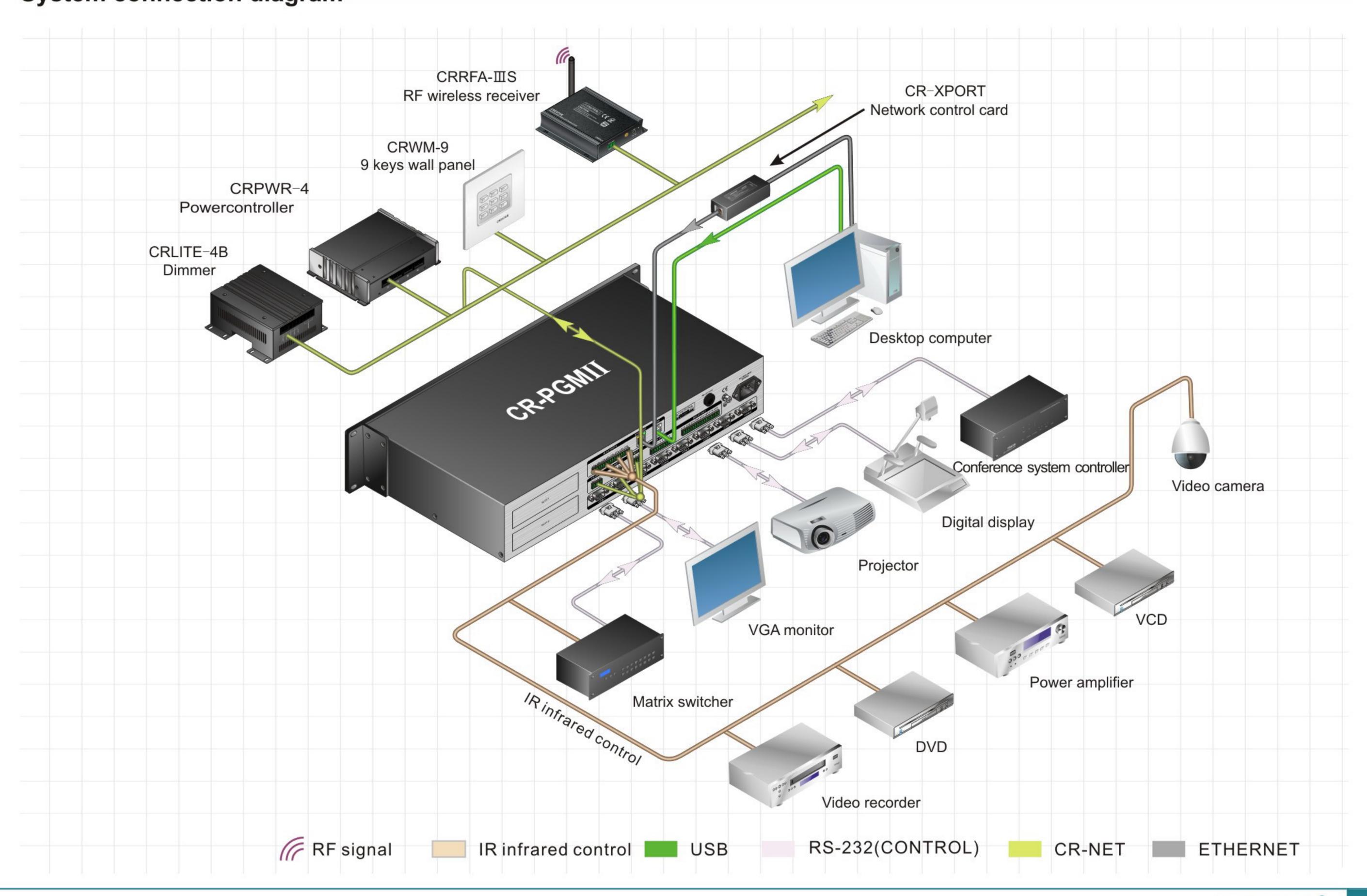
Features

● 32 bit embedded processor allocation frequency reaches 210MHz, built-in 8M memory and 2M memory FLASH, can run complex logic instruction cache.
● Provide open programmable control platform, humanized Chinese operation interface and interactive control structure.
● Powerful built-in programmable interface makes programmable central control computer can control almost all of the external equipment (including the third party equipment).
● The user can establish its own infrared code database, also can download the latest infrared code from the CREATOR library website, can realize infrared logic control of pair of codes by one key.
● Support 1, 3 road CR-NET control bus, can be extended up to 32 network equipment (such as: touch screen, dimmer, power controller, volume control, etc.).
● Built-in IR learning function.
● The metal chassis design, in line with international standards, can be installed in any chassis, cabinets of 19 ".
● Through the expansion of Ethernet control interface to realize computer remote control.

Specifications

The parameter name		CR-PGMⅡ
Processor	CPU	32 bit Samsung ARM microprocessor
	Processing speed	210MIPS
Memory	Standard memory	8M SDRAM,2M Flash
	Extended memory	Expandable to 32M
Control port	COM port	8 male type DB9 mouth, two-way transmission of RS-232, RS-485 and RS-422 signal
	Infrared IR port	8 terminal module, 16PIN output pin
	I/O input port	8 terminal blocks, 9PIN output pin, with protection circuit, support 0-5V digital input signal
	Weak current relay port	8 terminals, 16PIN output pin, the normally open type independent relay, rated 1A/30V AC / DC
	Network interface	1 RJ11 6PIN interface, to expand the SPORT and WPORT
	CR-NET	3 terminal module, 4PIN pin, support for CR-NET control bus, provides an output power of
Expansion slot		2 multi-function expansion slots, supports all the expansion card
Computer management port		1 MINIUSB1.1 (compatible with USB2.0) interface and 1 DB9 master port (rear panel) 1 MINIUSB (compatible with 20) interface (front panel)
Specifi- cations	The static power consumption	4W
	Power supply	AC100V - 240V adaptive power supply
	Weight	About 2.8kg

System connection diagram

CRRFA-ⅢS RF wireless receiver
CR-XPORT Network control card
CRWM-9 9 keys wall panel
CRPWR-4 Powercontroller
CRLITE-4B Dimmer
CR-PGMⅡ
Desktop computer
Conference system controller
Video camera
Digital display
Projector
VGA monitor
VCD
Power amplifier
IR infrared control
Matrix switcher
DVD
Video recorder

RF signal　IR infrared control　USB　RS-232(CONTROL)　CR-NET　ETHERNET