

RfQ

Made in Korea

25 level digital squelch

IR sync

6 band EQ

Rechargeable

Noise neutralize

encrypted audio

selectable RF power

Good sound quality



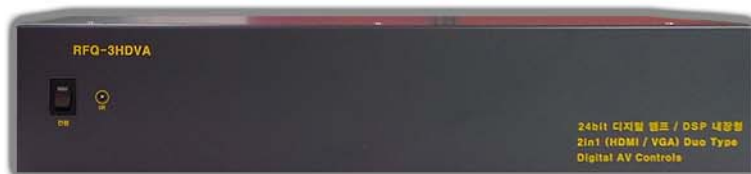
RfQ

Made in Korea

HDMI+VGA Duo all in one AV controller

Available interactive

Built in 140w 4ch digital AMP, 24BIT DSP



Single projector mode



Dual projector mode

7inches LED Touch screen control pannel

HDMI 3 x2

VGA 3 x3

Duo system

OFF Timer

24 BIT DSP

HDMI

HDCP

EDID

Dual Projector

Dual roll screen

HD (1920X1080)

RS 232 control

IR control

PC ON/OFF

interactive



APPLICATION

Education

Conference

Class room

Board room

Auditoriums

Religious

WWW.RFQMIC.COM

About Dong yang company < brand name : RfQ >

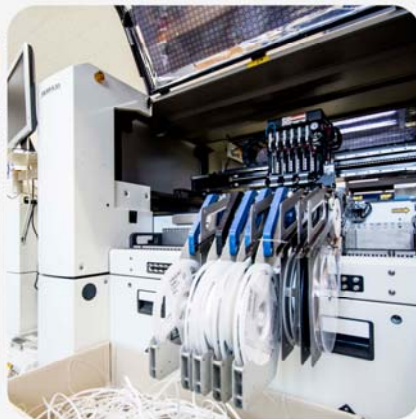
RfQ (Dong yang company) is R&D, Self production also distribution of wireless microphone, AV controller, interactive AV controller, digital Amp mixer, PA amps in Korea

Experience

- Founded in 1998 Oct. 29th in Sungnam-city, Korea
- OEM manufacturer of AV products
- Korea Procurement maker supplier in classified AV products
- R&D self production technology



**PCB SMT LINE
in office
Made in Korea**



**Self production
in office**



**Soldering
in office**

Quality

Durability, near high end Quality at reasonable price, built in genuine part meticulous self production, reliability made in Korea

Application

Education, auditoriums, board room, conference, Religious, buildings

Products List (selection no.)

UHF Preset wireless microphone.

Single ch

6Band EQ + IR sync



6Band EQ + encryption + IR sync



IR sync

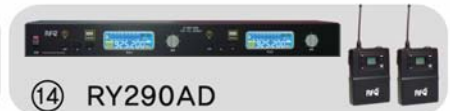
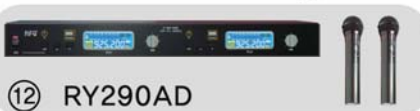


Dual ch

6Band EQ + IR sync



6Band EQ + encryption + IR sync



IR sync



※ wireless receiver common option: 61ch preset 25level digital squelch, switch lock
· 9V DC out antenna

built in amp



HD AV Controller

HDMI + VGA Duo AV Controller (Built in digital Amp)



HDMI + VGA Duo AV Controller (Built in DSP)



900MHZ UHF 61ch preset transmitter

Speech



Model no.
QHS-8
QHSR-8
QHSE-8

Vocal (interchangeable capsule)



Model no.
QHV-8
QHVR-8
QHVE-8

Belt pack



Model no.
QBS-8
QBSR-8
QBSE-8

encryption
selectable
RF power

voice input
amplification
IR sync

designed
Compact Size
Low Handling
noises body

pop noise
neutralize
circuit

latest soft ware
tenhcnology
near high-end
sound Quality

patented design



patented design



Rechargeable



Rechargeable



interchangeable capsule (Vocal only)



Switch Lock (patented)



Switch Lock (patented)



noise free slide switch



Urethane dynamic capsule



Dual pogopin type contact (Vocal only)



IR sync



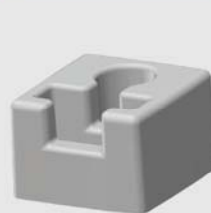
IR sync



gold-plating PCB



Recharge stands



Rechargeable



- near high-end Sound Quality
(latest software/noise, pop noise neutralize circuit, voice amplification circuit)
- Vocal available
- Low handling noises body structure
- Built from Light weight, durable high impact Ig ABS materials

RY890AD

RY290AD

900MHZ UHF Preset true diversity receiver



Single ch
Built in 6 Band EQ USB connector type



Dual ch
Built in 6 Band EQ USB connector type

High Quality
part
embedded

encryption
receiver

noise
neutralize
circuit

IR sync
Switch
Lock

25 level
digital
squelch

Aluminum
Body
receiver



9V DC
Power Out
antenna

Antena gain
amplification
receiver

Very Low loss RF Single at
0~60M length coax cable
for External Antena



Built in 6 Band EQ

USB
type

frequency Switch Lock

Very Low frequency
disturbing

Over 50 Sets using available
Same time in 1Building
ex) school class room

external Antena



Model : RT-100

High gain gold plating powered
PCB antenna

Antena divider



Model : RD-400

Saxophone

A - 1



Headset

A - 2



Earset

A - 3



Lavaller

A - 4



Clip

A - 5



A - 6



A - 7



A - 8



A - 9



A - 10



A - 11



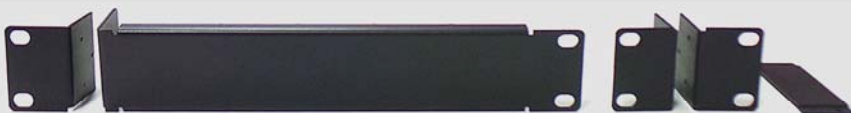
A - 12



A - 13



컨넥터



Aluminum alloy Rack Kit

RFQ-3HDVA

HDMI + VGA Duo all in one AV controller



HDMI
3 x 2

VGA
3 x 3

Built in
140w 4ch
Digital AMP

24BIT
DSP

Low cost, management expenses

Built in Auto OFF timer AS Bellows

Available interactive

Removable digital AMP



Auto OFF



2 Projectors
OFF



Motor
2roll screen UP



IR ON/OFF



PC ON/OFF



RS 232
ON/OFF



Audio
ON/OFF



Projector Projector lamp

Cost cutting

Unnecessary network & administrator
Just Easy for Users, Very cost effective

Need network control? why?

Built in Auto OFF Setting timer

Built in 140w 4ch Digital AMP

Built in 24 BIT DSP
for External AMP

Built in 3 CPU (micom)
for Durability
&
Stable working

Different 2 Video source
display on 2 projectors.
1 interactive
+ 2 (HDMI)out
+ 2 (VGA)out display
6 Source input available
(3 kinds)



Very well match with
PC sound

HDMI
3 x 2

VGA
3 x 3

same time USE
available (Duo)

HDMI

HDCP

EDID



Made in Korea

7Inches LCD
touch screen GUI



Start



Single projector mode



Dual projector mode



Setting menu



Dsp Setting



Projector / Roll screen



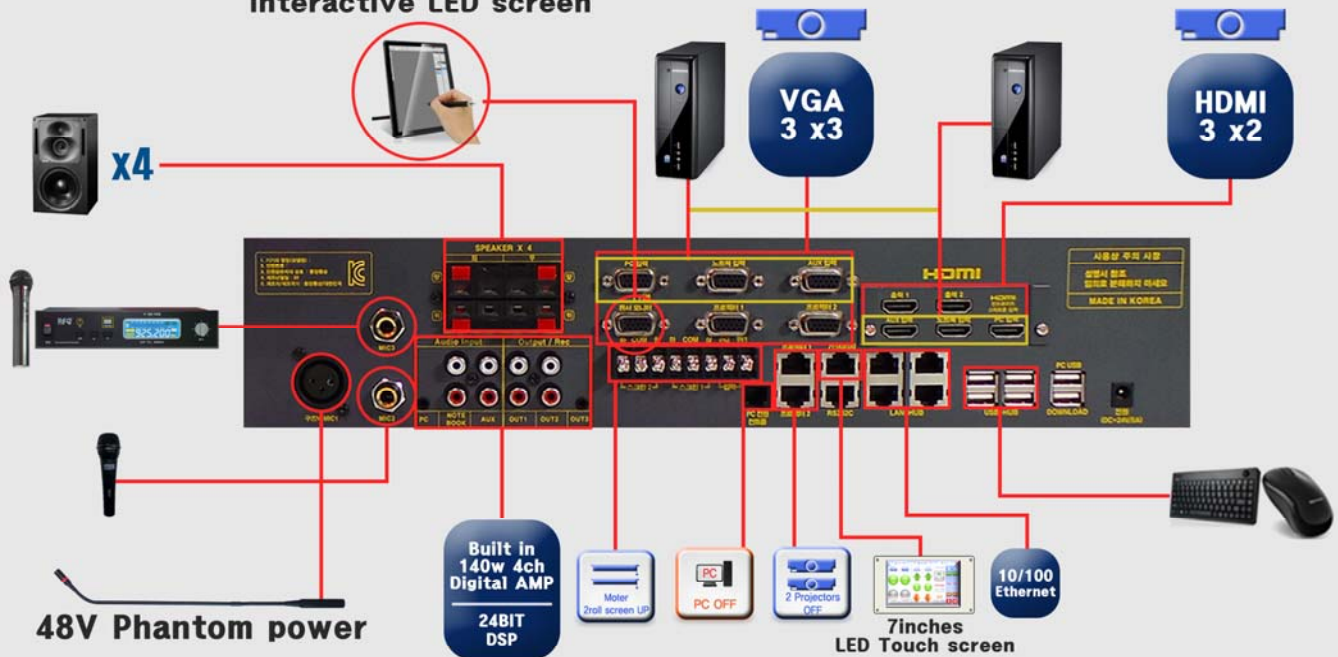
PC / IR menu



Clock / OFF timer

Connection

interactive LED screen



- **HDMI + VGA Source work with interactive LCD screen**
- **energy, projector lamp cost saving by OFF timer function**



APPLICATION

Education

Conference

Class room

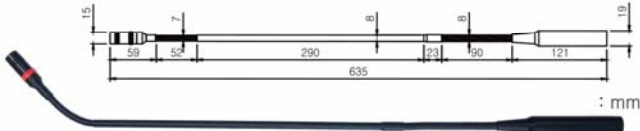
Board room

Auditoriums

Religious

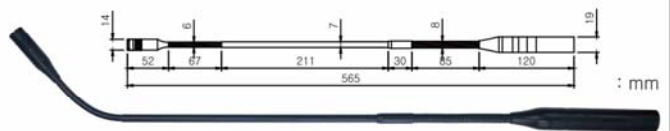
Model:QGP1

Phantom gooseneck microphones



Model:QG1

Battery type gooseneck microphones



Interactive Lecture desk

Model:QLD-1



Model:QLD-2



Model:QH1



Model:QH2



HDMI+VGA Duo all in one AV controller

Mic Input	XLR x 1 (Phantom Power)
	Phone Jack(6.5) X 2
Audio In	Stereo Phone Jack(3.5) X 1 (PC), Stereo RCA Pin X 2
Audio Out	RCA L/R x1 for External AMP
Record Audio Out	RCA L/R x1 3.5mm Jack x1
Speaker Output	Push Button Terminal Stereo X 4
Removable Digital AMP	35W/4ch at 8 ohme 140W
	Selectable Digital AMP gain 12dB/20dB/32dB
Motor roll screen	screen x 2 or screen x 1 + projector elevation
RGB Input (VGA)	D-sub 15pin X 3 (PC/Laptop/AUX)
RGB Output (VGA)	Interactive LCD screen / projector1 / projector2
HDMI Input	PC / Laptop / AUX (android available)
HDMI Ouput	HDMI Connector X 2 (HDMI1, HDMI2)

Beam Projector	RS232C Serial RJ45 Port X 2
LAN HUB Port	RJ45 Port X 4 (10/100 Ethernet Switch)
USB HUB Port	USB A type X 5
Download Port	USB A type X 1 (GUI 및 DATA 업로드용)
controll pannel	7 Inch 1024 X 600 TFT-LCD
	Touch Pressure Measurement
POWER	DC 24V / 5A adaptor
Working temperature	-4°C ~ 50°C
Size	420(W) X 88(H) X 220(D) mm
Weight	3.8 Kg

Hand Held / Belt pack Transmitter specification

QHSE-8/QHSR-8 / QHS-8 QHVE-8/ QHVR-8/ QHVE-8 QBS-8/ QBSR-8 / QBSE-8 frequency range	925.200---937.200 MHZ (country dependent)
	IR sync(SR, VR) / IR , encrypted audio (SE, VE)
Bandwith	200KHz per ch / perset
Channel setup	IR sync / Push
RF output power	5mW / 10mW / 20mW (selectable)
Spurious Emission	< - 36dbm
frequency Lock	available
Oscillation Mode	PLL synthesized
MAX frequency deviation	+- < 75KHz
Occupied bandwidth	< 200KHz
LCD display	Ch / frequency / RF power / Battery status on and on
Battery type	AA size (1.5V) X 2
Operating time	< 10 hours (approximately)
weight	Handheld 228g / Belt pack 74g
Height	Handheld 225mm / Belt pack 86mm

True Diversity receiver specification

Q890/R890AD/Q890AD RY890/Q290JR/R290AD Q290AD/R290 frequency range	925.200---937.200 MHZ (country dependent)
	IR sync(SR, VR) / IR , encrypted audio (SE, VE)
Receiving Mode	True diversity
Squelch	digital 25 step (50dBm ---100dBm)
Bandwith	200KHz per Ch / preset
Audio out connector	Balanced XLR
	UnBalanced 6.3mm
	Phone jack 600 ohme
Audio output level	Balanced + 16dbV / UnBalanced 10dbV (+- 8%)
S/N	< 105dB(A) (+-8%)
T.H.D	< 0.5% @ 1KHz (+-8%)
Power	12V 1.2A adaptor

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Made in Korea