

Entertainment Center Instructions

February 2018

Features

- Smart 4K TV with Cable and Internet access
- DVD Blu-ray Player
- Wireless & Wired Microphones
- CD Players with Karaoke or DJ
- External Systems Connect
 - Computer Display and Audio
 - MP4 Music Player
 - Other

TV and DVD Control

- Power On TV

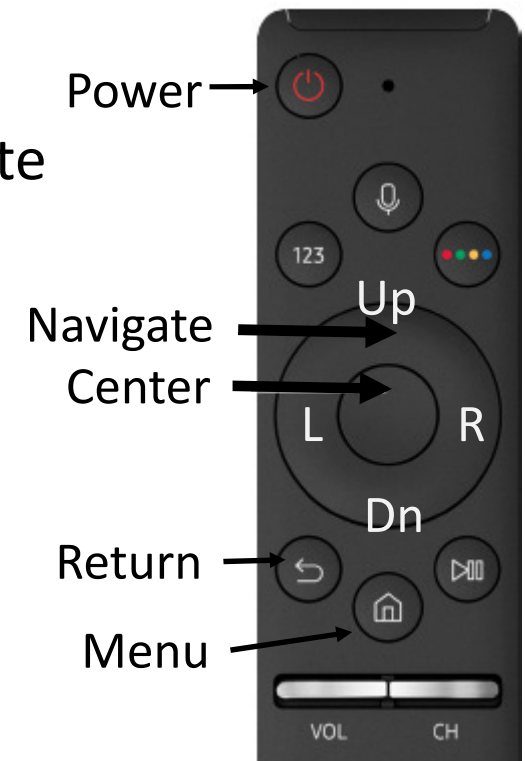
- Press Comcast remote TV button then Power Button
- Comcast box light goes on TV goes on
- If TV fails to go on Press TV remote power button

- Power Off TV

- Press Comcast remote TV button then Power Button
- Comcast box light goes off TV goes off
- If TV fails to go off Press TV remote power button

- To select TV source: Cable, DVD, Internet use TV remote

- Press menu button to open options at screen bottom
- Use left and right buttons to navigate, go left to Source
- When Sources appear above, press up button on remote
- Use left and right buttons to navigate and pick a Source
- When desired Source is found press center button
- Press down button to get back to options screen at bottom
- Press menu button to close options at screen bottom



TV Connections

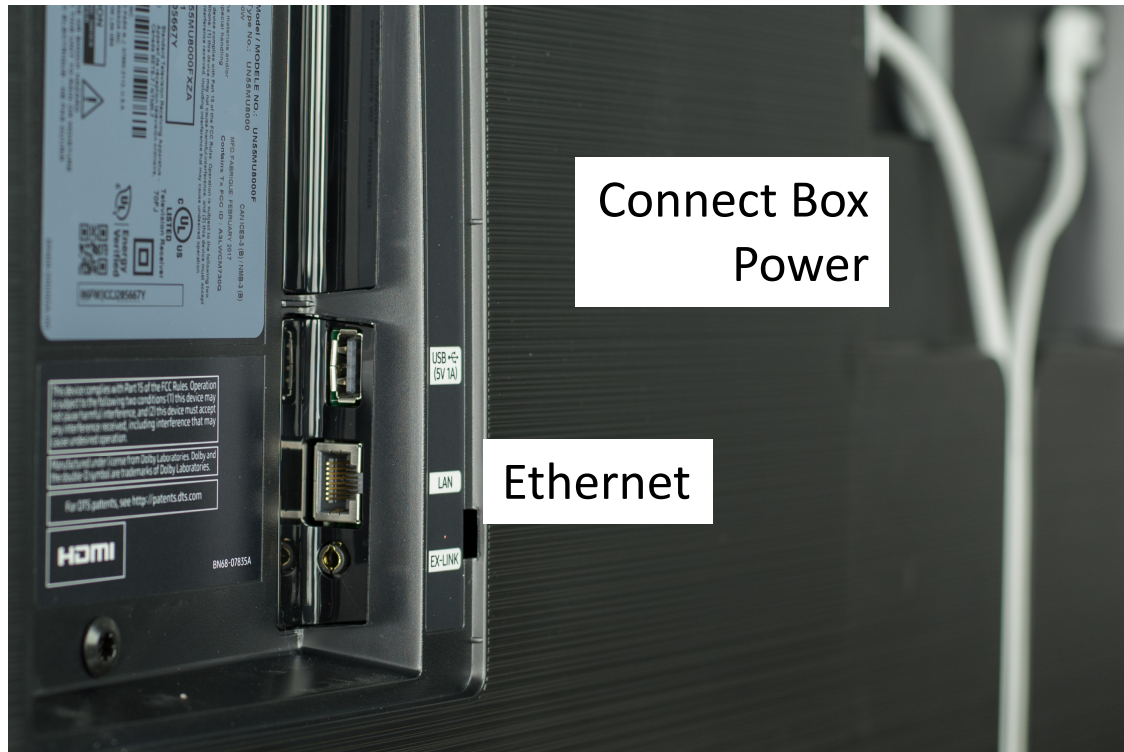


Audio
Optical



USB 1
USB 2

HDMI 1-4 RF Ant



Connect Box
Power

Ethernet



Power AMP



Left Power Right

PA System Instructions

Examine speakers to ensure they are safely attached

Open Credenza doors to ensure equipment does not overheat

Turn on as needed TV & DVD, then PA Power Strip, then Power AMP

Ensure all devices are powered on

Use Power AMP to control ROOM Volume

Left and Right Volume Must Match, turn down to 9 o'clock when done

If needed see detailed settings in the following pages

When done turn off All power including Power AMP

CAUTION DO NOT use microphones closer than 15 feet to speakers

Microphone Use

If no sound
go to details

- SR 40 PRO 2 Microphone 1 & 2 (use these first)
 - Slide switch up on mic for on and verify light goes on at receiver
 - If light fails to go on or goes on then off replace batteries
 - If needed adjust volume on power AMP
 - Slide mic switch down for off, verify light goes off at receiver
- Audio Technica Mic A (use only if needed & see wired mic)
 - Verify Mic A volume is set properly (see detailed instructions)
 - Press button at bottom of mic until light goes on at receiver
 - If light fails to go on or goes on then off replace batteries
 - If needed adjust volume on power AMP
 - Press button again to turn off mic, verify light goes off at receiver
- Wired Mic
 - When not using set its volume to 0 or turn off mic switch on Numark
 - If using Mic A then remove wired mic from cabinet & place near users



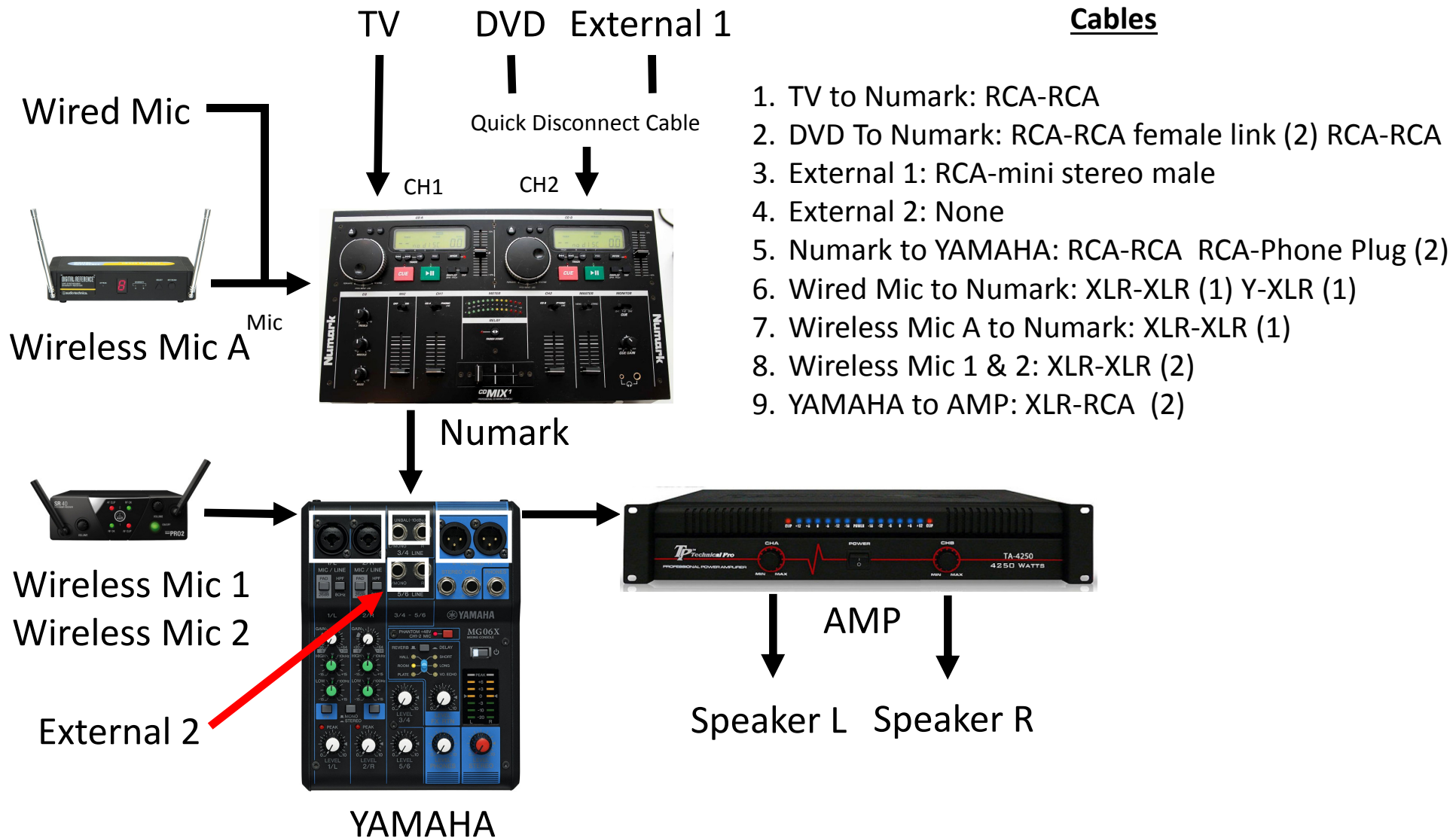
Turn off MICs when done or batteries will fail

Entertainment Use

If no sound
go to details

- TV or DVD (turn on TV, if needed DVD, and then PA)
 - Turn down TV speakers to 1, 2, or 3 (too much echo)
 - If needed adjust volume on power AMP
- CD 1 or 2 (turn on PA)
 - On Numark select CD 1 and or 2 switch and press play
 - If needed adjust volume on power AMP
 - When done switch CH 1 & 2 to Phono / Line so TV & DVD work
- External device - computer MP players (turn on PA)
 - Find cable quick disconnect near center of hutch
 - Find external device cable near center of hutch
 - Disconnect cable from DVD and connect external device cable
 - If needed adjust volume on power AMP
 - When done reconnect DVD player so DVD works

System Configuration



Volume Controls

USE AMP TO CONTROL ROOM VOLUME



Left

Right



Mic 1 Mic 2 Master
Wireless



Wired Mic

CD1 or
TV

Center

CD2 or
DVD

Master

CAUTION - Wired Mic is a source of serious feedback when left in cabinet. Set volume to 0 or switch off or use wired Mic. Yes Wireless Audio Technica Mic A is tied to wired Mic.

Volume Adjustments

- TV

- Adjust using Numark CH 1 Slider
- Usually on at 50%



- DVD

- Adjust using Numark CH 2 Slider
- Usually on at 50%



- Microphone Wired & Audio Technica Wireless

- Adjust using Numark Mic Slider
- Usually off at 0 because of wired mic, on is 50%



- Microphones SR 40 PRO 2

- Preset using YAMAHA Mixer Mic Level 1 & 2
- Adjustment not needed



Room Equalization Settings

- System has some frequency equalization abilities
 - To deal with room and less than optimal installations
 - Current settings must not be changed significantly
- Numark Settings:
 - Treble +10 Max
 - Mid about 1 o'clock
 - Bass about 3 o'clock
- YAMAHA Settings:
 - High +15 DB
 - Low about 2 o'clock
- Room Echo
 - The only way to reduce room echo is to change speaker location

Power AMP

USE THIS TO CONTROL ROOM VOLUME



CH A & B must match: 9 to 11 o'clock

Stereo

Lift



Input

CH A & B from
YAMAHA Mixer

Output

Speakers Polarity
Must Match

Caution: Do Not bridge. This can damage the speakers with excessive power.

NUMARK CD Mix 1

Input Mic: Wired & Audio Technical

Input CH 1: TV Cable Box

Input CH 2: DVD or external device

Output: YAMAHA Mixer

Treble +10 max

Mid 1 o'clock

Bass 3 o'clock



Adjust so
Meters are
Full Green

Mic On
Mic: 50%

TV
Phono
Ch1: 50%

Fader
Center

DVD
Phono
Ch2: 50%

Stereo
Master 60%

1+2
Gain 0

For CD1 or CD2 select using the CH1 or CH2 switch

NUMARK CD Mix 1



CH1: TV Cable box
CH2: DVD or External Device
Master: YAMAHA Mixer

MIC: Wired &
Audio Technica
Wireless

MICs From From Numark To
 SR40 PRO 2 CD Mix 1 Power AMP

1/L & 2/R Settings
 MUST match

PAD 1 Up
 PAD 2 Up
 HPF1 Down
 HPF2 Down

Gain 12 o'clock
 High +15 DB o'clock
 Low 2 o'clock

Fx1 Down ON
 Fx2 Down ON
Mono / Stereo UP

Mic Level 1 2 o'clock
 Mic Level 2 2 o'clock



YAMAHA Mixer

Red Button
 Phantom Up for OFF

Power on / off

Meter Set -3DB all devices
 Start with TV

Master Volume 3 o'clock

Headphones 0

Level 3/4 2 o'clock

Level 5/6 0 Not Used

Fx Return Level 11 o'clock

Delay Down, VO. Echo

SR 40 PRO 2 Microphone 1 and 2



Audio Technica Microphones A and B

Goes to NUMARK CD Mix 1 MIC input



Push Power

To NUMARK CD Mix 1

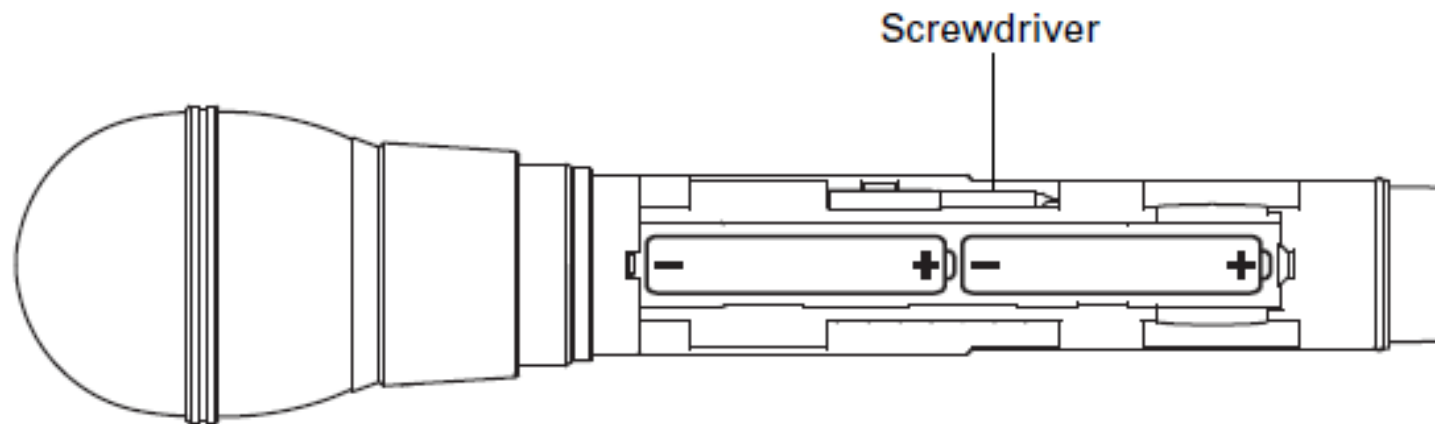
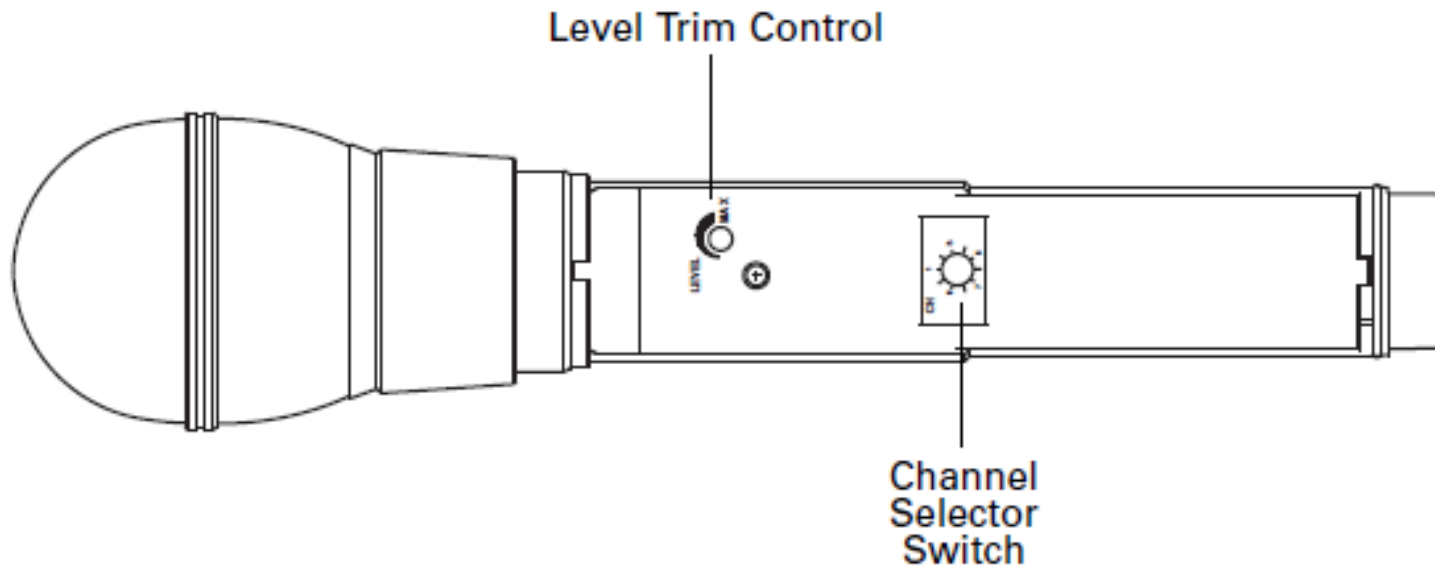


MIC has button on bottom, press on press off

If diversity A or B light does not go on and stay on with MIC on, replace batteries

Turn off MIC when done

Audio Technica Microphones A & B



Speakers



PR 15


PEAVEY

DESIGNED AND MADE IN U.S.A.

MAX POWER: 400W PROGRAM
IMPEDANCE: 8 OHMS

WARNING: THIS SPEAKER SYSTEM CAN
PERMANENTLY DAMAGE HEARING! USE
EXTREME CARE SETTING MAXIMUM LOUDNESS

RX™ 14 HF DRIVER PROTECTION



**FULL RANGE INPUTS
IN PARALLEL**

CE

DANGER

BEFORE ATTEMPTING TO SUSPEND THIS SPEAKER CONSULT A
CERTIFIED STRUCTURAL ENGINEER. SPEAKER CAN FALL FROM
IMPROPER SUSPENSION, RESULTING IN SERIOUS INJURY AND
PROPERTY DAMAGE. DO NOT SUSPEND OR MOUNT ANY
OTHER PRODUCT OR DEVICE FROM THIS ENCLOSURE! USE
ONLY GRADE 5 HARDWARE OR BETTER.