

Client: The Gong by Drinks & Co

Address: 7 Fraser Street #01-59 & 60, Duo Galleria, Singapore 189356

Audio Video fit out at Restaurant and ORA



Media Room w/ Ka:Mo:Ga and K Bubbles Cloud CS Karaoke-On-Demand



Systems Illustration:

Audio:

KamoGa 3.1 x 3sets
LD Maui 5
Bose Solo 5 Soundbar

Video:

BenQ TK800 4k projector
Lyft 92" Zero frame ALR Black screen
Sony 50-65" Television

AV Matrix System:

UGreen HDMI Over IP (RX | TX) x 10pcs
24 port TP Link Gigabyte network switch
5 port TP Link Gigabyte network switch

Source:

Mio TV 2 Channel
Apple TV 4k
Barco Click share 100

Sports Bar Restaurant (300sqm)

The owners were quoted as saying...

"We have multiple inputs that require telecasting – as and when required, especially smart device/laptop telecast requests by customers – both indoor (including the private room) and outdoor on the patio; we don't want to see huge suspended speakers and we want your solutions to include multiple zonings not only to provide different music needs to customers but also a system for speeches/meetings and presentations to cater to (our) high demand of private room bookings for private functions and business meetings; we want a compact system with simplicity without the hassle of changing settings and whatnot; we want SIMPLICITY..."

The challenges: to come up with a hassle-free simple system for the management and staff to use – so simple that even new floor staff (with high turn-around rates) would be able to use them by just pressing on (either one of) the three-button functions on the remote or device itself; to allow future systems matrix expansions and contractions: relocating parts of the system to other venue deployments and more.



The *Now-You-See-It-Now-You-Don't* Speakers

Can you spot the speakers? These are tiny, yet powerful rich-in highs and mids satellite speakers mounted on the false ceiling area.

To complete the speaker system set up, comes a ceiling mounted bass module with a cross-over feature that overlaps at 300-500Hz generating deep and powerful bass.

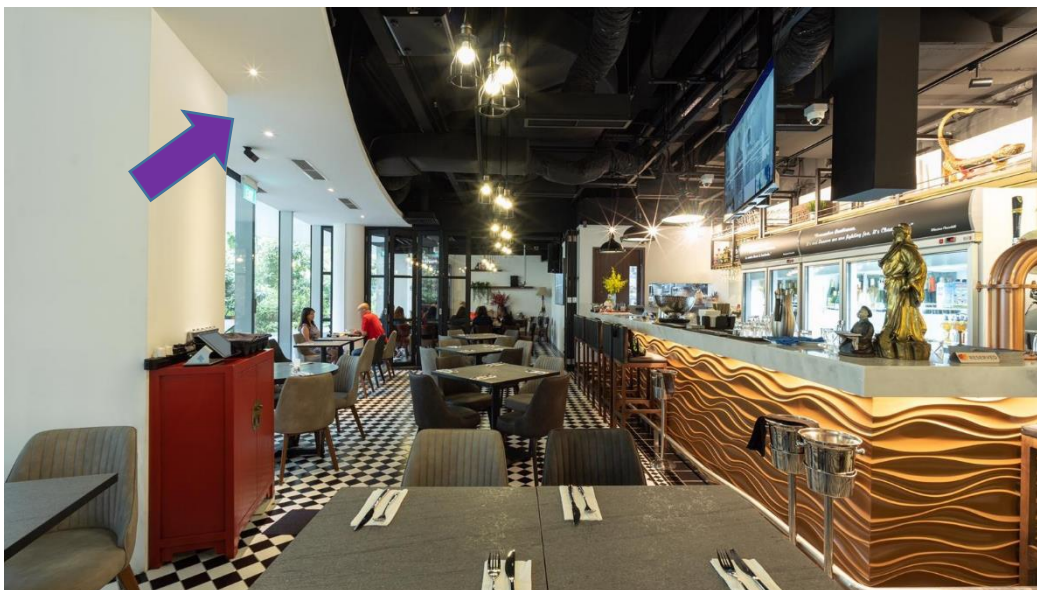
There are three main zones in the enclosed area to allow three different channels to be broadcast simultaneously.

Matrix AV System

3 zones; 3 amplifiers, each feeding inputs via the HDMI-over-IP Module.



These modules can assign channels to the respective inputs such as Ch 01 for Mio TV and Ch 02 for Barco – on the receiving end, we will only need to input the channel to receive the requested source.



Vocal | Speech | Singing

The solution to integrate vocal/speech/sing, music, movies and gaming capabilities is found in the compact Kamoga AV Receiver (which comes with satellite speakers and a sub-woofer) with inbuilt DSP and programmable EQ/FX settings.

There are six programmable buttons, one of which is the Karaoke button with easy programmable echo and reverb settings for the microphones;

Movie: programmable frequency settings to allow increase/decrease in the mid-range frequencies to enable louder volume/vocals to the centre speaker – volume level of individual input/output mode can be pre-set to users' preferences; another prominent function that would automatically set the the wireless microphones to meeting/conference/stage mode is the Speech button – overriding all previous vocal FX to speech mode – without having to manually change the EQ/FX settings. Throughout, the Kamoga System delivers pure simplicity and consistency.



7 x Starlet Satellite

Big Sound, Tiny Speaker

2 x 2.5" Driver tweeter

Sensitive @ 88dB

Frequency response @ 300Hz – 20KHz

High Graded Polymer ABS Plastic, Aluminium Grill

Matte Black Finish

61 x 83 x 123mm | 0.5kg

** Wall-mount Bracket | Floor Stand

1 x Bass Module

Bring Back That Bassy Feeling

100W Max Power

1 x 10" Driver

Sensitive @ 84dB

Frequency response @ 37Hz – 500Hz

Side Ported Passive Woofer

Matte Black Finish

266 x 290 x 312mm | 12kg

** Wall-mount Bracket | Floor Mount



1 x Main Module: AV Receiver w/DSP

Simplicity At Its Best

7 x Input Mode

6 x Programmable Sound Experience Setting

Volume Control; Mic Volume

Sub-Woofer Volume Control

Centre Speaker Volume Control

Echo Effects Volume Control

138 x 45 x 16 mm

2 x AA Battery



Wireless Microphones

The Right Way To Vocalize

LCD Display; Battery Indicator/ Frequency Indicator

Frequency: 740-790Mhz UHF

Dynamic Range: 100dB

THD (Total Harmonic Distortion) : <5% (1kHz, 1 W)

Working Range: 50m (Without obstacles)

Battery Life: 8 Hrs

Battery: 2 x 1.5AA

Frequency Learning VIA RF





“Privé” Room

This little space of 250 sq.ft., with its own sound system, can accommodate up to 25-pax for private functions and business meetings. As such, this room is equipped with an inbuilt 92” ALR Projection Screen and the smallest (lamp-free) 3000-lumens 4K projector – on the market – the BenQ TK800 4K UHD Projector, capable of 15,000 hours of lamp-time.

Schematic Layout

