

# Studiomaster<sup>®</sup>

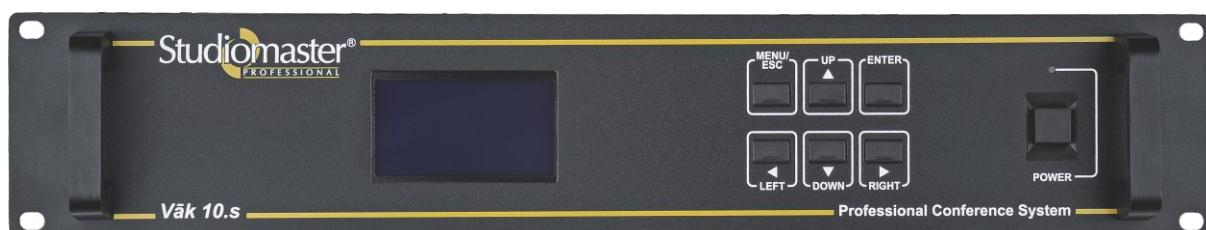
PROFESSIONAL

aspire for more...



## Vāk System

Professional Conference System





has always been associated as a brand responsible from making cutting edge technology available to a wide spectrum of users, with the right features and with great economic viability. Continuing on this great legacy Studiomaster Professional brings to you the Vāk System – A fully automatic & voice operated conference system.

## Vāk

**In Sanskrit the word “Vākya” is closely related to the word discussions, in the same essence the new conference system from Studiomaster Professional is called the Vāk System.**

The Multi-Functional Studiomaster Professional Vāk Conference System integrates sophisticated state of the art Digital Signal Processing technology with high quality hardware, to bring you the most unique, simple & user-friendly conference system currently available. The system offers a wide range of operational possibilities making it ideal for multiple conferencing applications.

**The Studiomaster Professional Vāk System empowers effortless discussions & facilitates a meeting of minds!**

**The Vāk System Consist of 3 integral components.**

**Vāk 10.s**  
System Controller Unit

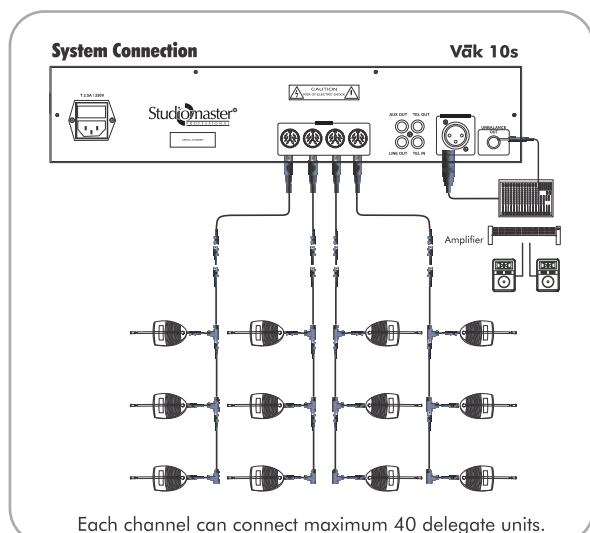
**Vāk 10.c**  
Chairman Unit

**Vak 10.d**  
Delegate Unit

## Vāk 10.s Controller Unit

### Features:

- Highly flexible & customizable system supporting 4 Chairman & 160 Delegate Units.
- 4 Channels - Each channel supports 40 delegate units (Total 160 units), & up to 4 chairman units.
- NOM (Number of Open Microphones) - Supports up to 8 active delegate units.
- NOM based gain adjustment.
- Intelligent algorithm & DSP audio processing system.
- Ultra Functional operating modes
- Easy & Quick installation.
- Fully automatic no operator required.
- User friendly interface with LCD display.
- Attractive look & finish.
- Balanced XLR & 1/4” Jack Master output.
- AUX & Line output for recording or monitoring.
- Output signal level controls.
- 19”, 2U Rack Unit Design.



## Ultra Functional Operating Modes:



**Manual Mode:** In this mode all controls are manually operable - subject to the NOM set. The maximum NOM in this system is 8. This feature helps to regulate the meetings.



**FIFO & LIFO:** FIFO (First In First Out) & LIFO (Last In First Out) are ultra flexible & adjustable modes in which the participant enters or exits a discussion.



**Automatic Fixed Time Mode:** In this mode each person gets an allotted time to speak & is muted when the allotted is completed. This mode is ideal for voting based application.



**Fully Voice Operated Mode / Hands Free Mode:** This mode is fully automatic & is activated by voice; hence no hands are required to participate.

## Vāk 10.c / Vāk 10.d Chairman & Delegate Unit



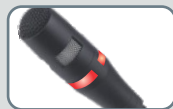
- Detachable & Flexible gooseneck microphone.



- High Quality Panasonic® microphone capsule ensures good voice reproduction.



- LED Indicator on Microphone, to indicate 'Mic Active' status.



- Built-in speaker with level control.
- 2 Separate Headphone outputs.



- On/Off Talk switch.



- Available in elegant Black & classy White



- Priority Switch to override all delegate units. (Only on Vāk 10.c)
- Unique interrupt mode\*.

\* In any discussion mode when the chairman presses the priority switch he merely interrupts the discussion temporarily. The active delegate units resume their prior status once the chairman releases priority.



## Technical Specification

<b>Vāk 10s</b>	
Power Supply	AV 220V~/50Hz
Current Consumption	1 A
Frequency Response	100-14.5KHz
Signal to Noise Ratio	-81dB
Connector for Delegate / Chairman unit	8P-DINx4
Audio Output	RCA x 2, 1/4" Jack x 1, XLR x 1
Audio Input / Output (TEL)	RCA x 2
REC output level	LINE Output 11dB
Balanced output level	LINE Output 11dB
Audio Input (Telephone)	LINE Input 15dB
Dimension (WxDxH) mm	483 x 323 x 90

<b>Vāk 10c &amp; Vāk 10d</b>	
Connection	Round 8P-DIN x 2.M
Power Supply	DC24V
Max Current Consumption	60mA
Signal to Noise Ratio	-70dB
Sensitivity	-50dB / Pa
Frequency Response	100Hz - 10KHz
Length of Mic Tube	400 mm
Length of Cable	2.1m
Dimension (W x D x H) mm	160 x 170 x 65

### Optional Accessory: Vāk M2 I

- 21" Gooseneck Microphone to be used with Vak 10.d / Vak 10.c base.
- Sold separately. • Color available: Black.



### Ideal Conferencing Solution for...

- Council Halls (Municipal Corporation)
- Parliamentary Chambers
- IT Solution Companies
- State Legislative Assemblies
- Educational Institutions
- Courtrooms



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