

# VM300

## Wireless Microphone System for KTV Applications



### HIGHLIGHTS ■

#### Voiced for KTV applications

to provide a warm, rich vocal sound, perfectly matched for JBL KTV-audio systems

#### Reliable performance

by working in the 640 MHz – 690 MHz UHF band and offering 200 channel/frequency points to eliminate interference in multi-room installations

#### Simple setup

with automatic frequency/channel scanning, microphone/receiver synchronization and storable presets

The JBL VM300 is a dual-channel wireless microphone system that delivers professional-grade sound with interference-free transmission. Designed for KTV applications, the VM300 features JBL's signature karaoke tuning to provide excellent vocal performance. Also, the system is the perfect complement to JBL Entertainment karaoke speakers, providing a complete, premium KTV-audio solution.

The VM300 includes one SR300 receiver and two HT300 hand-held, dynamic microphones. In addition to excellent sound quality, the system offers quick and easy setup and operation. For simple synchronization between the receiver and microphones, the VM300 features Auto Scan and Auto Sync, selectable and storable presets as well as Shake to Sync functionality. With 200 available frequencies, venue owners can easily operate multiple systems simultaneously.

The system also includes Auto Mute, Auto Sleep and Auto Wakeup to ensure premium performance and efficient energy consumption. Plus, the receiver and mics have an LCD display that shows system status and battery levels, respectively. With crystal-clear, rich vocals, reliable performance and an easy-to-use design, the JBL VM300 elevates your karaoke audio system and provides guests an unforgettable singing experience.

### KEY MESSAGES ■

#### SIGNATURE JBL KARAOKE SOUND

Continuing JBL's legacy as a leader in the KTV-audio market, the VM300 wireless microphone system features JBL's legendary karaoke tuning. Providing exceptional, rich vocals, the VM300 allows karaoke-goers to sound their best while singing their favorite songs. Plus, because the system is acoustically tuned to the same target curve as JBL Entertainment karaoke loudspeakers, VM300 is the perfect wireless solution to complete an all-JBL KTV solution.

#### PAINLESS SETUP

Setting up the VM300 is quick and easy. Auto Scan automatically searches for available frequencies, while Auto Sync automatically synchronizes the receiver and microphones. You can also sync the components by selecting and storing presets with the Preset Module, or use Shake to Sync functionality to synchronize both microphones simultaneously.

#### SIMPLE OPERATION

Perfect for KTV venues of any size, the VM300 offers 200 frequencies, which allows several systems to operate simultaneously without interfering with one another. Plus, for quick and easy monitoring, the receiver and microphones feature an LCD display that show the system's status and battery levels, respectively.

#### RELIABLE PERFORMANCE

To provide optimum performance and efficient energy consumption, the VM300 consistently self-monitors itself. The system's Auto Mute feature mutes microphones after three seconds if vocals are not detected, while Auto Sleep powers off the microphones if they stay static for eight minutes. Conversely, Auto Wakeup powers on the microphones when motion is detected.

#### PROFESSIONAL CONNECTIONS

With two balanced XLR outputs and a 6.35mm unbalanced TS output, the VM300 is designed to seamlessly integrate into a KTV-audio system. Plus, the VM300 perfectly complements JBL Entertainment karaoke speakers, providing a premium KTV-audio solution.

# VM300

## Wireless Microphone System for KTV Applications



### FEATURES ■

- Renowned JBL karaoke tuning delivers excellent vocal performance
- Auto Scan automatically searches for available frequencies
- Auto Sync provides automatic synchronization between receiver and microphone
- Preset Module offers selectable and storable presets for easy synchronization
- Shake to Sync provides simple frequency synchronization of two mics simultaneously
- Auto Mute, Auto Wakeup and Auto Sleep consistently monitor the system to ensure peak performance and efficient energy consumption
- LCD display on receiver and mics provide system and battery-level status
- Perfectly complements JBL Entertainment karaoke speakers for a premium KTV-audio solution

### INCLUDED ACCESSORIES ■

- Power adapter
- Quick setup guide
- Audio cable (with 6.35 mm plug)
- 2x Anti-rolling rubber rings
- 4x AA batteries

### ORDER SPECIFICATIONS ■

<b>DISPLAY CARTON DIMENSIONS (L x W x H):</b>	480 x 340 x 70 mm
<b>DISPLAY CARTON GROSS WEIGHT:</b>	2.5 kg
<b>CASE PACK DIMENSIONS (L x W x H):</b>	505 x 450 x 370 mm
<b>CASE PACK QTY:</b>	6 pcs.
<b>CASE PACK NET WEIGHT:</b>	16 kg
<b>CASE PACK GROSS WEIGHT:</b>	17 kg
<b>UPC CODE:</b>	VM300: 885038040736 VM300-E: 885038040798

### SPECIFICATIONS ■

#### SYSTEM

<b>FREQUENCY BAND:</b>	640 MHz – 690 MHz
<b>CHANNELS:</b>	200
<b>OPERATING RANGE:</b>	≈ 50 meters
<b>FREQUENCY INCREMENT:</b>	250 kHz
<b>FREQUENCY BANDWIDTH:</b>	50 MHz
<b>S/N RATIO:</b>	≥ 50 dB (including pickup, according to China GB standard)
<b>SHIPPING WEIGHT:</b>	2.5 kg
<b>DIMENSIONS (L x W x D):</b>	480 x 340 x 70 mm

#### SR300

<b>FREQUENCY DEVIATION:</b>	±10 kHz
<b>FREQUENCY PREPARATION:</b>	PLL synthesized control
<b>RECEIVING MODE:</b>	CPU controlled selection + Pilot tone detection
<b>MUTE MODE:</b>	Mute & Lock Loop Circuit
<b>DISPLAY:</b>	LCD
<b>POWER REQUIREMENT:</b>	12 VDC, 1.25 A
<b>AUDIO OUTPUT CONNECTOR:</b>	2 x balanced XLR 1 x 6.35mm unbalanced TS

#### HT300

<b>FREQUENCY PREPARATION:</b>	PLL synthesized control
<b>TRANSMISSION POWER:</b>	≤ 30 mW
<b>TRANSMISSION:</b>	CPU controlled selection + Pilot tone detection
<b>FREQUENCY DEVIATION:</b>	±10 kHz
<b>DISPLAY:</b>	LCD
<b>PICKUP CARTRIDGE:</b>	Dynamic
<b>RF OUTPUT POWER:</b>	High, Low



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