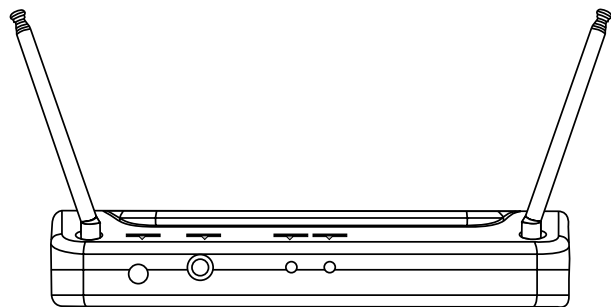


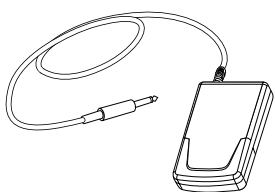
SPECIFICATIONS

VR12 Receiver



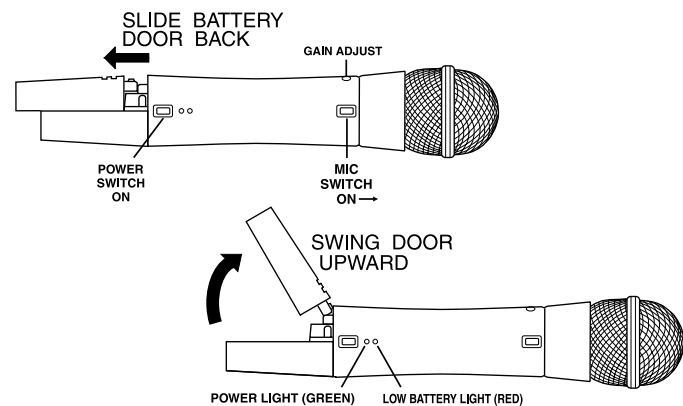
<b>Controls</b>	
Front Panel:	Output volume control
Rear Panel:	Squelch control
<b>Indicators</b>	
Diversity Light:	Indicates antenna switching activity
Carrier Light:	Indicates transmitter signal is being received
<b>Connectors</b>	
Front:	1/4 inch unbalanced output
Antenna:	Fixed 1/4 wave collapsible
<b>RF Specifications</b>	
Frequency Range:	174.100 – 185.300 MHz
Diversity:	Full True Diversity
Receiver Type:	Single Frequency, single-conversion, FM
RF Sensitivity:	<0.8uV for 12 dB SINAD
FCC type acceptance:	Approved under Part 15
<b>Audio Specifications</b>	
Frequency Response:	20 – 15 kHz +/- 2 dB
Audio Output Level:	0.775V RMS @ 100 k ohm load
Distortion:	Less than 0.5%
Signal to Noise Ratio:	> 94 dB
Dynamic Range:	94 dB

VG-12 Guitar Transmitter



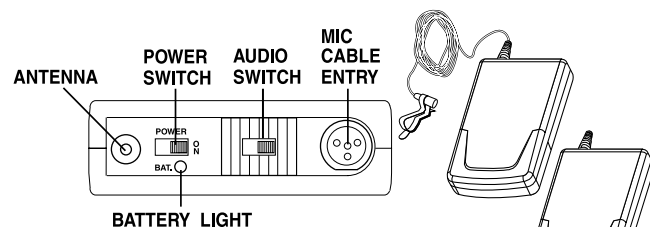
<b>Controls</b>	
	Power on/off switch
	Audio mute on/off switch
	Audio gain adjustment with 40 dB range
<b>Indicators</b>	
	Red LED low battery indicator
<b>Battery Life</b>	
	8 – 10 hours with 9V alkaline
<b>Antenna</b>	
	Uses the guitar connection cable
<b>Cable</b>	
	Attached 1/4" connector
<b>RF Output</b>	
	35-45 mW typical, 50 mW max
<b>Size</b>	
	4.4 in. x 2.6 in. x .9 in.
	111 mm x 66 mm x 23 mm

VH12N1 Handheld Transmitter



<b>Controls</b>	
	Power on/off
	Audio Mute on/off
	Audio gain adjustment with 40 dB range
<b>Displays</b>	
	Green LED indicates power on
	Red LED battery low indicator
<b>Battery Life</b>	
	8 – 10 hours with 9V alkaline
<b>Antenna</b>	
	Dipole
<b>RF Output</b>	
	35 – 45 mW typical, 50 mW max
<b>Size</b>	
	27.3 cm (10.75 in.) long

VB-12 & VB-12L Backpack Transmitter



<b>Controls</b>	
	Power on/off switch
	Audio mute on/off switch
	Audio gain adjustment with 40 dB range
<b>Indicators</b>	
	Red LED low battery indicator
<b>Battery Life</b>	
	8 – 10 hours with 9V alkaline
<b>Antenna</b>	
	Uses microphone cable
<b>Connector (VB-12)</b>	
	TA4F input for microphone
	Pin 1 ground, Pin 2 Mic input
	Pin 3 +5V Bias, Pin 4 +5V through 3k ohm
<b>RF Output</b>	
	35 – 45 mW typical, 50 mW max
<b>Size</b>	
	4.4 in. x 2.6 in. x .9 in.
	111 mm x 66 mm x 23 mm



VHF

CRYSTAL

8 FREQUENCY

UP TO 3 SIMULTANEOUS SYSTEMS

PRO STAR by Telex®



# ProStar VR-12 VHF

## WIRELESS MICROPHONE SYSTEM

### Reliable performance at an affordable price.

Going wireless has never been more affordable. The ProStar VHF wireless systems are built around the VR12 receiver. It's rugged, reliable and made to the most exacting standards in the industry. The VR12N1 system features the VR12 receiver and a VH12N1 dynamic mic with an Electro-Voice® N/D 167 neodymium dynamic cartridge. The engineers at Telex designed a very innovative built-in antenna that eliminates interference and substantially increases the range of the system.



VR12N1

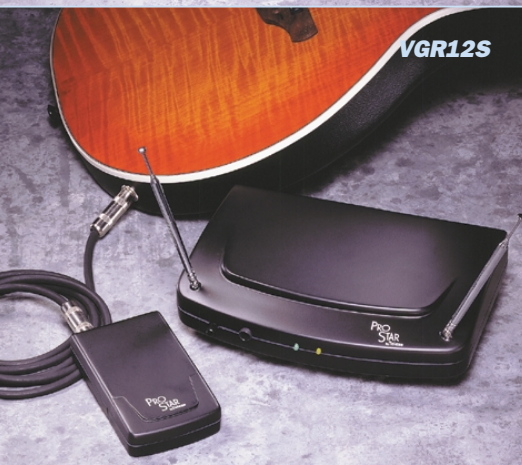


Looking for a pure and natural sound? In the ProStar, the audio signal is processed by the fewest possible components, thus the signal follows a virtual "straight line" The VR12L lapel mic or VR12H headworn mic system give you the freedom to move — at a conference, aerobics class, or on a concert stage.

The VGR12S system was conceived, designed, and constructed for one instrument only — the guitar. The VGR12S captures everything from the window-rattling lows and searing highs of a solid body, to the subtlety and nuances of a jazz guitar or acoustic/electric.



VR12L/VR12H



VGR12S

## SYSTEM CONFIGURATIONS AND COMPONENTS



### VR-12N1

#### VHF SYSTEM INCLUDES:

- VR-12 true diversity Posi-Phase™ receiver with 1/4" output.
- VH-12N1 handheld transmitter with EV 167 Neodymium dynamic mic element.
- UL and CSA approved AC wall pack transformer.

### VR-12L

#### VHF SYSTEM INCLUDES:

- VR-12 true diversity Posi-Phase™ receiver with 1/4" output.
- VB-12L beltpack transmitter w/attached Telex WLM-10 electret condenser.
- UL and CSA approved AC wall pack transformer.

### VR-12C

#### VHF SYSTEM INCLUDES:

- VR-12 true diversity Posi-Phase™ receiver with 1/4" output.
- VB-12 beltpack transmitter with TA4M connector.
- Audio-Technica AT-831b electret condenser unidirectional lapel mic with TA4F connector.

### VR-12H

#### VHF SYSTEM INCLUDES:

- VR-12 true diversity Posi-Phase™ receiver with 1/4" output.
- VB-12H beltpack transmitter with EV HM2 headworn microphone.
- UL and CSA approved AC wall pack transformer.

### VR-12A

#### VHF AEROBIC SYSTEM INCLUDES:

- VR-12 true diversity Posi-Phase™ receiver with 1/4" output.
- VB-12 beltpack transmitter with TA4M connector.
- Special Projects WPHS-746 aerobics microphone with TA4F connector
- WP-23 Aerobic Sports Pouch for VB-12.
- UL and CSA approved AC wall pack transformer.

### VGR-12S

#### VHF SYSTEM INCLUDES:

- VR-12 true diversity Posi-Phase™ receiver optimized for guitars with 1/4" output.
- VG-12 beltpack transmitter with 1/4" plug and cable.
- UL and CSA approved AC wall pack transformer.

Posi-Phase™ refers to Telex's various forms of diversity incorporated in its receivers.

### Operating Frequencies

T.V. CHANNEL 7		T.V. CHANNEL 8	
CHANNELS	FREQUENCY	CHANNELS	FREQUENCY
01	174.100	05	180.200
02	178.100	06	183.700
03	178.500	07	184.350
04	179.100	08	185.350

### Microphones (for VB-12 only)

MODEL	DESCRIPTION
WLM-10	Omnidirectional electret lapel mic with TA4F connector
WLM-50	Omnidirectional electret lapel mic with TA4F connector
AT-831b	Audio-Technica unidirectional electret lapel mic with TA4F connector
SCHS-745	Special Projects headworn condenser vocal mic with TA4F connector
WPHS-746	Special Projects headworn Aerobics mic with electret unidirectional mic with TA4F connector
PH-23	Headworn, unidirectional condenser mic with TA4F connector. Includes sweatband and velcro strip for microphone attachment.
HM2	EV headworn unidirectional condenser vocal mic

### Accessories & Parts

ORDER NUMBER	DESCRIPTION
12-RM	Rack mount for VR12
WS-1	Windscreen for VH12 Series mic head
WS-30	Foam windscreen for WLM-10
WS-745	Foam windscreen for SCHS-745
WS-746	Foam windscreen for WPHS-746
WS-11	Foam windscreen for PH-21/PH-23
TC-30	Tie clip for WLM-10
MC-23	Replacement clothing clip for PH-23
HB-23	Replacement headboard for PH-23
WP-23	Aerobics sport pouch for VB12
BAT-2	8.4 V NiCad battery (all transmitters)
BC-2	Battery charger for single BAT-2
RC-12	Carrying case for VR12
MSA-12	Stand adapter for VR12
PA-12	Power supply for VR12

Refer to your price sheet for additional models & accessories.

ProStar Performance