



MOTOTRBO SLR 5000 REPEATER

FREQUENTLY ASKED QUESTIONS

Q: WHAT IS THE SLR 5000?

A: The SLR 5000 Series is a second generation DMR repeater. It is designed for performance, efficiency and future capabilities. For full specifications, please visit the product webpage [here](#). The specific model for sale in North America is the SLR 5700.

Q: WHEN IS THE PRODUCT AVAILABLE? WHEN CAN I ORDER IT? WHEN WILL IT START TO SHIP?

A: Shipments are starting the week of Jun-8. Ordering information can be found on MOL and Partner Central. Demo kits are available until Jun-19, with a limit of 1 per Channel Partner location.

Q: WHAT BANDS ARE AVAILABLE?

A: The SLR 5700 is available in VHF (136-174 MHz) and UHF (400-470 MHz) bands.

Q: IS THIS A REPLACEMENT FOR THE XPR 8400 REPEATER? WILL THE XPR 8400 NOW BE CANCELLED?

A: The SLR 5700 is intended to replace the UHF and VHF versions of the XPR 8400 in the long-term, but the cancellation plan has not yet been finalized.

Q: WHAT'S INCLUDED IN THE DEMO KIT? IS THERE A PROGRAMMING CABLE?

A: The demo kit comprises the repeater and a power cord. The programming cable is a USB Type A to B common to the MTR 3000 and other devices (printers), so we have not included a new one.

Q: CAN WE HAVE ONE UHF AND ONE VHF DEMO UNIT? IS THERE ANY SPECIAL PRICING AVAILABLE FOR A CAPACITY PLUS ENTITLEMENT FOR THE DEMO UNIT?

A: No. Demo units are limited to one per Channel Partner location. Feature licenses such as Capacity Plus are the same for any repeater, but there is no promotional pricing for SLR 5700 licenses.

Q: DOES THE REPEATER HAVE AN AUDIO INPUT?

A: Yes, there is an input for audio through the rear auxiliary connector. Please reference the Basic Service and Installation Manual (BSIM) for further details and pin assignments. Please note that not all configurations are supported.



Q: WHEN WILL UHF BAND 2 AND 800/900 MHZ VERSIONS BE AVAILABLE?

A: We expect to be producing SLR 5000 Series repeaters in these bands, but we are not ready to announce launch dates yet.

Q: WHAT DOES “DESIGNED FOR THE FUTURE” MEAN?

A: As we expand the capabilities of MOTOTRBO, we expect to introduce features that will require more memory and processing power than the existing family of repeaters has available. The SLR 5700 has therefore been designed with 10x more processing power, 15x more memory and 125x more storage than the XPR 8000 platform.

Q: CAN THE SLR 5000 BE A BASE STATION AS WELL AS A REPEATER?

A: Base station operation is not a supported configuration.

Q: CAN YOU MIX FIRST AND SECOND GENERATION REPEATERS IN THE SAME SYSTEM?

A: Yes. You can mix SLR 5000 Series repeaters with XPR 8000 Series and MTR 3000 repeaters in the same system, for all system types: IP Site Connect, Capacity Plus, Linked Capacity Plus and Connect Plus.

Q: IS THE DUPLEXER INCLUDED? WHAT PROVISIONS ARE THERE FOR PRESELECTOR/DUPLEXER ATTACHMENT/ENCLOSURE? SHOULD WE JUST USE THE CURRENT ENCLOSURE?

A: A duplexer is not included. The arrangements for duplexers, preselectors and amplifiers are the same as for previous generation repeaters.

Q: I SEE A DC POWER CONNECTOR ON THE BACK PANEL. CAN THE SLR BE POWERED FROM A VEHICLE 12V BATTERY?

A: Yes. The SLR 5700 accepts 11.0-14.4 Vdc power, so can be run from a 12 V vehicular battery if necessary.

Q: WHERE DO WE FIND PART NUMBERS AND PRICING FOR THE FRU MODULES?

A: Part numbers for the FRU modules can be found in the Basic Service and Installation Manual (BSIM) uploaded in the Resource Center of MOL. Pricing can also be obtained via MOL.

Q: IS THERE A PLAN FOR A 100W VERSION?

A: No. Not at this time.

Q: IS THERE A WALL-MOUNT KIT?

A: The rack-mount brackets are designed to be rotated 90° for desk-top configurations. Additionally, there is a separate wall mount kit available as an accessory, part number: PMLE5031A.

Q: IS IT ANALOG AND DIGITAL CAPABLE? CAN I HAVE SLOT 1 AS ANALOG AND SLOT 2 AS DIGITAL?

A: The repeater can be used in digital mode, analog mode, or Dynamic Mixed Mode (extra license required). In dynamic mixed mode, if it detects an analog radio transmission on its channel, the repeater switches to analog mode and repeats the analog call. If it detects a digital radio transmission, the repeater switches to digital mode and repeats the digital call. It cannot repeat analog and digital calls simultaneously – although it can repeat two digital calls at the same time: one on Slot 1 and one on Slot 2.



Q: HOW IS THIS REPEATER POSITIONED COMPARED TO THE MTR 3000?

A: The MTR 3000 is a 100 W repeater, and has a larger feature set and enhanced performance specifications. For example, features like base station operation, analog voting, and wire-line card are supported on the MTR 3000, but not on the SLR 5700.

Q: WHAT'S THE POWER CONSUMPTION COMPARED TO AN XPR 8400?

A: The power consumption of the SLR 5700 is on average 40% lower than that of the XPR 8400.

Q: CAN A UHF MODEL BE CHANGED INTO A VHF MODEL OR VICE VERSA?

A: No. You cannot change the frequency of the unit – even by exchanging the modem and power amplifier FRUs.

Q: WILL THE INFRASTRUCTURE REPAIR AND INFRASTRUCTURE REPAIR WITH ADVANCED REPLACEMENT SERVICES BE ON THE OPTIONS PAGE FOR THE REPEATER?

A: Yes, we will work to introduce them in the price-pages. Please note these are ordered as stand-alone items and not offered as an option to the repeater models at time of order.

Q: WHAT'S THE PROGRAMMING SOFTWARE?

A: The SLR 5700 can be programmed with the standard MOTOTRBO CPS (Customer Programming Software), version 11.0 and above.

Q: DOES IT SUPPORT MORE THAN 1 USER CODE IN THE ANALOG MODE? OR WILL IT HANDLE MORE THAN 1 DPL CODE?

A: Only 1 supported per channel.

Q: IS IP SITE CONNECT INCLUDED?

A: Yes. You do not need to purchase a license to use IP Site Connect on MOTOTRBO repeaters.

Q: IS THERE A LOW POWER VERSION?

A: The SLR 5700 output power is adjustable from 1-50 W, using the MOTOTRBO CPS (Customer Programming Software).

Q: IS THERE TRAINING AVAILABLE?

A: Yes. Sales Enablement and Technical training courses are available for this product. Please check the LMS site for specific courses.

Q: DOES IT REALLY HAVE 100% DUTY CYCLE? CAN WE ACTUALLY SELL THAT CAPABILITY?

A: Yes it does. The design has been verified and thoroughly tested to ensure that it supports 100% duty cycle reliably.

Q: WHAT ALTITUDE IS THE UNIT RATED TO OPERATE AT 100% DUTY CYCLE?

A: Maximum operating altitude is 6500 feet (2000 meters) above sea level.



Q: HOW DO THE TECHNICAL SPECIFICATIONS SUCH AS SELECTIVITY COMPARE TO THE XPR8400/MTR3000?

A: The receiver performance of the SLR 5700 is improved over the XPR 8400. For full specifications, please see the datasheet [here](#).

Q: DOES THE UNIT HAVE CHANNEL SCAN IN ANALOG (TO ALLOW USE AS A COMMUNITY REPEATER)?

A: No. This is not supported.

Q: WHAT IS THE SECOND NETWORK INTERFACE CONNECTION USED FOR?

A: The second network interface is planned to support redundancy in the future, however this feature is not available at launch.

Q: DO YOU NEED TO LEAVE A RACK SPACE BETWEEN ADJACENT UNITS LIKE YOU DO WITH MTR 3000 REPEATERS?

A: No. The cooling of the SLR 5700 has been arranged to flow from front to back, so no blank spaces are required above or below the unit in a rack.

Q: WILL THE UNIT SUPPORT TONE PANELS, TELEPHONE INTERCONNECT AND PAGING ENCODERS?

A: The SLR 5700's rear auxiliary connector was designed to interface with external devices/boxes such as tone panels and telephone interconnects. Please reference the Basic Service and Installation Manual (BSIM) for further details and pin assignments. Please note that not all configurations are supported.

Q: WHAT DOES THE HKVN4047 "IP REPEATER PROGRAMMING AND UPGRADE LICENSE" PROVIDE?

A: IP Repeater Programming, enabled via the HKVN4047A license, allows a technician to remotely connect to a SLR 5700 via an IP internet connection from the MOTOTRBO CPS. A technician can remotely perform ALL functions that can be done via a USB cable locally: Read, Change, Write, Upgrade, Activate Features. (Please note it does NOT support Clone or Recover, to prevent you losing your connection to the repeater if the code-plug is incorrectly changed or restored to default settings).

Q: ARE THERE SAMPLE CODE-PLUGS AVAILABLE?

A: Sample code-plugs can be obtained by contacting the Product Services Team at 800-927-2744.

Q: WHO CAN I CONTACT FOR MORE INFORMATION?

A: If you have any other questions, please contact your Channel Account Manager or MOTOTRBO Product Solutions Team Specialist.