

## Planetary Radio

[www.planetary.org/radio](http://www.planetary.org/radio)

### Installed Equipment

EDIROL R-4 Four Channel Portable Recorder and Wave Editor

### Introduction

A weekly broadcast dedicated to the topic of outer space, Planetary Radio is part of The Planetary Society.

Mat Kaplan, Media Producer for the Planetary Society is largely responsible for conducting and taping their on-air content. Initially starting with analog recordings using cassette machines, Kaplan's digital recordings were made with the first generation MiniDisc machines, then consumer MP3 players. Kaplan craved a pro-level machine with XLR inputs and for years scanned key manufacturer's web sites. His patience and solid research looking for an audio field recorder providing the highest quality recording with the least chance of failure led him to the EDIROL R-4. Now almost all of Planetary Radio's regular segments are recorded using the R-4.

### System

Recording live interviews on the R-4 and later editing them for broadcast on Planetary Radio, interviews with speakers such as Dr. Bob Pappalardo from the Jet Propulsion Laboratory in Pasadena are extremely valuable. Pappalardo is one of the world's foremost experts on Jupiter's mysterious moon Europa and his interview with Kaplan inspired ponderings of what or who might be swimming in Europa's warm salty ocean that lies beneath its crazy quilt layer of ice.

The R-4's internal hard drive captures these interviews as audio files which are then transferred to Kaplan's PC via the USB 2.0 port. For live interviews, Kaplan sets up 2 Sennheiser 421's and plugs them into the R-4's XLR ports; if he's on the run he'll plug in a single omnidirectional dynamic mic. When recording live events, the line inputs on the R-4 are used taking a line feed from the event's mixer board. Telephone interviews are recorded using a Telos digital hybrid directly porting into Kaplan's PC where Sony's Sound Forge handles the audio editing.



### System Integration



### More Information

See the full story at: [www.edirol.com/stories](http://www.edirol.com/stories)

Product Information: [www.edirol.com/r4](http://www.edirol.com/r4)

Consultant Resources: [www.rolandsystemsgroup.com](http://www.rolandsystemsgroup.com)