



Featuring a comprehensive selection of system configurations with key wireless audio technologies and components, FP Wireless provides the ability to capture crystal-clear audio with confidence. With simple and flexible components, including a portable receiver and XLR plug-on transmitter, it has never been easier for audio to be captured in the demanding and dynamic videography and electronic field production (EFP) environments.

## Features

- Wireless portability for the freedom to go wherever the job requires
- Audio Reference Companding™ for crystal-clear audio
- Automatic Frequency Selection locates an open frequency at the touch of a button
- Automatic Transmitter Setup instantly syncs the transmitter to the receiver frequency
- Up to 20 compatible systems simultaneously
- Diversity Antennas for consistent reception of signal transmission
- All components powered by 2 AA batteries – no power cord required
- XLR and 3.5mm cable output options
- Single transmitter and dual transmitter combo system options
- All FP components are compatible with SLX® Wireless systems

## APPLICATIONS

Event Videography

Weddings

One-on-one Interviewing

## PRODUCT HIGHLIGHTS

Lightweight, Portable  
Receiver

XLR Plug-on, Body-  
pack and Handheld  
Transmitter Options

Frequency Scan & Sync

Legendary Shure  
Microphone Capsules

# System Specifications

All system and component specifications subject to change

Working Range	100 m (300 ft)
Line of Sight	Note: Actual range depends on RF signal absorption, reflection and interference.
Tonekey	32.768 kHz
Audio Frequency Response	45 to 15000 Hz ( $\pm 2$ dB) Note: Dependent on microphone type
Total Harmonic Distortion Ref. $\pm 38$ kHz deviation with 1 kHz tone	<0.5%, typical
Dynamic Range	>100 dB, A-weighted

## Available Models

FP15	Portable Bodypack Wireless System for Lavalier, Headset and Instrument Microphones
FP15/83	Portable Bodypack Wireless System with WL183 Omnidirectional Lavalier Microphone
FP25/SM58	Portable Handheld Wireless System with SM58® Cardioid Microphone Capsule
FP25/VP68	Portable Handheld Wireless System with VP68 Omnidirectional Microphone Capsule
FP35	Portable Wireless System with Plug-on Transmitter
FP125/83SM58	Portable Bodypack/Handheld Wireless System with WL183 Omnidirectional Lavalier Microphone; SM58® Cardioid Microphone Capsule
FP125/83VP68	Portable Bodypack/Handheld Wireless System with WL183 Omnidirectional Lavalier Microphone; VP68 Omnidirectional Microphone Capsule
FP135	Portable Wireless System with Lavalier, Headset and Instrument Microphones; XLR Microphones

## Included Accessories

WA371	Microphone clip (FP2)
AFP301	Plug-on Transmitter belt clip and protective skin (FP3)
AFP511	Camera Shoe Mount (FP5)
WA451	TA3F-to-XLRm audio cable
WA461	TA3F-to-3.5mm dual-mono audio cable

## Frequency Range

Band	Range
G4	470 - 494 MHz
G4E	470 - 494 MHz
G5	494 - 518 MHz
G5E	494 - 518 MHz
H5	518 - 542 MHz
H5E	518 - 542 MHz
J3	572 - 596 MHz
K3E	606 - 630 MHz
L4	638 - 662 MHz
L4CN	638 - 662 MHz
L4E	638 - 662 MHz
P4	702 - 726 MHz
P4CN	702 - 726 MHz
Q24	736 - 754 MHz
R13	794 - 806 MHz
R19	794 - 806 MHz
R5	800 - 820 MHz
JB	806 - 810 MHz
S6	838 - 865 MHz

**SHURE**<sup>®</sup>

LEGENDARY  
PERFORMANCE™

# Component Specifications

## FP1 Bodypack Transmitter

Lightweight, durable housing; for use with TA4F-connection microphones including lavaliers and headsets.

### Features

- Automatic Transmitter Setup instantly syncs the transmitter to the receiver frequency
- LED indicator for control lockout, IR RF sync, low battery indicator
- Audio Input Gain for adjustment of audio level
- 4-Pin Microphone Input Jack for use with lavaliers or headset microphones with TA4F connectors.
- Powered by 2AA batteries
- Rugged and lightweight Shure construction

Gain Adjustment Range	-10 to +20 dBV
Input Impedance	1 M $\Omega$
RF Output Power	10 to 30 mW varies by region
Pin Assignments TA4M	1: Ground (cable shield) 2: +5 V Bias 3: Audio 4: Tied through active load to ground (on instrument adapter cable, pin 4 floats)
Dimensions	108 mm x 64 mm x 19 mm (H x W x D)
Weight	81 g (3 oz.), without batteries
Housing	Molded polycarbonate case
Power Requirements	LR6 AA batteries, 1.5 V
Battery Life	up to 12 hours (alkaline)



**FP1**  
Bodypack Transmitter

# Component Specifications

## FP2 Handheld Transmitter

Lightweight, durable housing; available with either the legendary Shure SM58® cardioid dynamic wireless capsule or with the VP68 condenser omnidirectional capsule; compatible with all Shure wireless capsules.

### Features

- Automatic Transmitter Setup instantly syncs the transmitter to the receiver frequency
- LED indicator for control lockout, IR RF sync, low battery indicator
- Powered by 2AA batteries
- Legendary SM58® or VP68 microphone capsule options
- Rugged and lightweight Shure construction

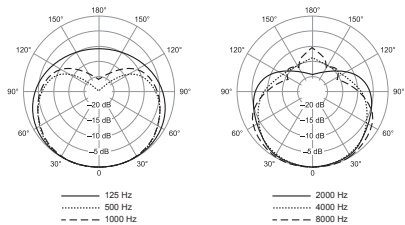
### Available Models

FP2/SM58	Handheld Transmitter with SM58® Cardioid Microphone Capsule
FP2/VP68	Handheld Transmitter with VP68 Omnidirectional Microphone Capsule

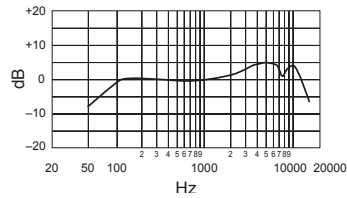
Maximum Input Level	at -10 dB gain setting: +2 dBV at 0 dB gain setting: -8 dBV
Gain Adjustment Range	10 dB
RF Output Power	10 to 30 mW varies by region
Dimensions	254 mm X 51 mm dia. (10 X 2 in.)
Weight	290 g (10.2 oz.) without batteries
Housing	Molded PC/ABS handle and battery cup
Power Requirements	LR6 AA batteries, 1.5 V
Battery Life	up to 12 hours (alkaline)



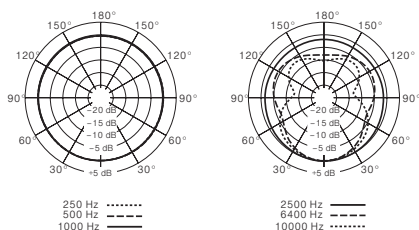
FP2/SM58  
Handheld Transmitter



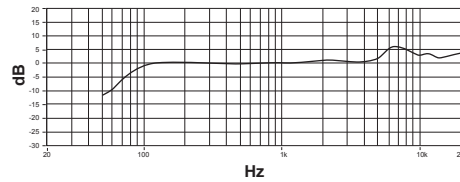
FP2/SM58 Polar Pattern



FP2/SM58 Handheld Transmitter



FP2/VP68 Polar Pattern



FP2/VP68 Handheld Transmitter



FP2/VP68  
Handheld Transmitter

# Component Specifications

## FP3 Plug-On Transmitter

Durable metal housing, ergonomically designed for comfortable grip; XLR connectivity allows for use with any wired dynamic XLR microphone.

### Features

- Automatic Transmitter Setup instantly syncs the transmitter to the receiver frequency
- LED indicator for control lockout, IR RF sync, low battery indicator
- Powered by 2AA batteries
- Audio Input Gain for adjustment of audio level
- Three-stage Audio Input Level Indicator
  - Green: audio present
  - Yellow: nominal peak
  - Red: signal clip
- Rugged and durable Shure construction



**FP3**  
Plug-On Transmitter

Gain Adjustment Range	0 to +40 dBV
Input Impedance	9 k $\Omega$
RF Output Power	10 to 30 mW varies by region
Dimensions	117 mm x 36 mm x 43 mm (H x W x D)
Weight	160 g (5.6 oz.), without batteries
Power Requirements	LR6 AA batteries, 1.5 V
Battery Life	up to 12 hours (alkaline)

# Component Specifications

## FP5 Portable Wireless Receiver

Lightweight, durable housing, suitable for mounting on camera or person, diversity antennas, output via TA3F cable to either XLR or 1/8" connectors.

### Features

- Shure patented Audio Reference Companding for crystal-clear audio
- Automatic Frequency Selection locates an open frequency at the touch of a button
- Automatic Transmitter Setup instantly syncs the transmitter to the receiver frequency
- Power LED with low battery indicator
- RF LED indicates transmitter sync when illuminated
- 24 MHz bandwidth
- Up to 20 compatible systems simultaneously
- Powered by 2AA batteries – no power cord required
- Receiver output level control manages output to camera/mixer
- TA3F cable output to either XLR or 1/8" connectors (included)
- Diversity antennas for consistent reception of signal transmission
- Rugged and lightweight Shure construction
- Camera Shoe Mount (included)

Dimensions	108 mm X 64 mm X 19 mm (H x W x D)
Weight	81 g (3 oz.)
Housing	Molded polycarbonate case
Sensitivity	-108 dBm for 12 dB SINAD, typical
Power Requirements	LR6 AA batteries, 1.5 V
Battery Life	up to 12 hours (alkaline)

### Audio Output

Type	TA3F
Configuration	Impedance balanced
Pin Assignments	1=ground, 2=hot, 3=cold
Maximum Audio Output Level Ref. $\pm 38$ kHz deviation with 1 kHz tone	-5 dBV (into 600 $\Omega$ load)
Impedance	200 $\Omega$



**FP5**  
Portable Wireless Receiver