



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 (± 2 dB) Note: Dependent on microphone type
Total Harmonic Distortion Ref. ± 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

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 Ω
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

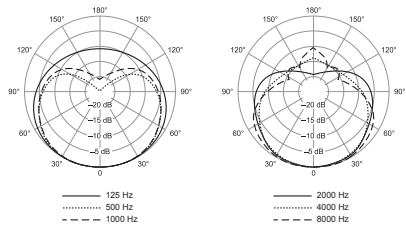
Available Models

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

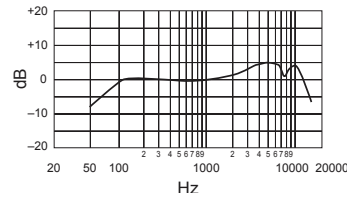
Maximum Input Level	at -10 dB gain setting: +2 dBV at 0 dB gain setting: -8 dBV
Gain Adjustment Range	10 dB
RF Output Power	10 to 30 mW varies by region
Dimensions	254 mm X 51 mm dia. (10 X 2 in.)
Weight	290 g (10.2 oz.) without batteries
Housing	Molded PC/ABS handle and battery cup
Power Requirements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



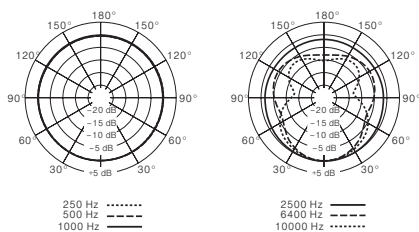
FP2/SM58
Handheld Transmitter



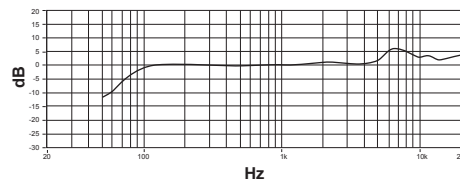
FP2/SM58 Polar Pattern



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 Ω
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. ± 38 kHz deviation with 1 kHz tone	-5 dBV (into 600 Ω load)
Impedance	200 Ω



FP5
Portable Wireless Receiver