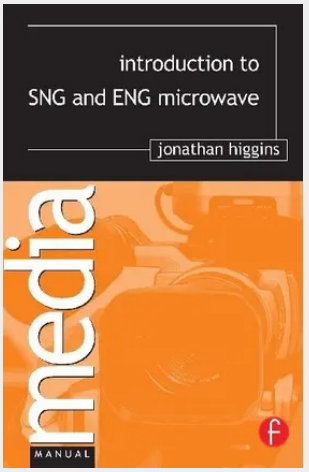
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Introduction to SNG and ENG Microwave

An excellent primer on the subject, this book gives beginning professionals in satellite newsgathering an introduction to the technologies and processes involved. It will also suit journalists, editors and producers needing to understand this important element of the newsgathering chain. Written for the complete beginner, the book shows how typical transmission chains work and their communication with the studio. It also offers a brief introduction to analogue and digital theory before going onto to explain Electronic Newsgathering (ENG) systems: from basic principles: transmission and reception chains, frequencies used and why, through to audio channel, subcarriers and digital modulation, as well as applications: radio cameras, window links, infra-red & laser links.A brief chapter on satellite theory gives an overview of satellite communication and orbits, basic satellite communication theory, transportables (`flyaways') and trucks, as well as analogue vs digital issues, digital compression and MPEG. Systems regulations and operations are also introduced as well as safety and logistics issues.If you're looking for a quick and easy introduction to the subject, this book will act as an essential on the job reference guide.

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72,90 €
72,90 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780240516622
Medium: Buch
ISBN: 978-0-240-51662-2
Verlag: Routledge
Erscheinungstermin: 19.11.2003
Sprache(n): Englisch
Auflage: 1. Auflage 2003
Produktform: Kartoniert
Gewicht: 283 g
Seiten: 220
Format (B x H): 140 x 216 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)