

### DISPLAY ADVERTISING

Rates Per Insertion

Four-Color:	1X	3X	6X	12X	12PG
1 page	\$8,259	\$8,052	\$7,846	\$7,433	\$7,102
MTOP*	7,433	7,247	7,061	6,689	6,392
2/3 page	6,153	5,999	5,845	5,537	
1/2 page	4,873	4,751	4,629	4,385	
1/3 page	3,403	3,317	3,232	3,062	
1/4 page	2,643	2,577	2,511	2,378	
1/6 page	1,833	1,788	1,742	1,650	

### COVER RATES

Four-Color:	1X	6X	12X	12PG
Second cover	\$9,910	\$9,415	\$8,919	\$8,523
Third cover	9,438	8,966	8,495	8,117
Fourth cover	10,382	9,863	9,344	8,929

#### Special Positions

Earned rate plus 10%. Consult Advertising Department for availability.

#### Inserts and Bind-In Cards

Consult Advertising Department for rates and specifications.

#### Special Opportunities:

You may qualify for special programs that earn credit toward your advertising, including Co-Marketing E-Newsletter Program and Package Insert Program.

Ask your sales representative for details.

### CLOSING AND PUBLICATION DATES

Cover Date	Closing Date	Ad Material Due Date	Publication Date	Newsstand On Sale Date
Jan. 2020	Oct 14	Oct. 22	Nov. 23	Dec. 3
February	Nov. 13	Nov. 21	Dec. 28	Jan. 7
March	Dec. 12	Dec. 20	Jan. 25	Feb. 4
April	Jan. 15	Jan. 23	Feb. 22	March 3
May	Feb. 19	Feb. 27	March 28	April 7
June	March 18	March 26	April 25	May 5
July	April 14	April 22	May 23	June 2
August	May 18	May 27	June 27	July 7
September	June 16	June 24	July 25	Aug. 4
October	July 15	July 23	Aug. 22	Sept. 1
November	Aug. 18	Aug. 26	Sept. 26	Oct. 6
December	Sept. 16	Sept. 24	Oct. 24	Nov. 3

Two-Color:	1X	3X	6X	12X	12PG
1 page	\$6,784	\$6,614	\$6,445	\$6,105	\$5,834
MTOP*	6,105	5,953	5,800	5,495	5,251
2/3 page	5,054	4,928	4,801	4,549	
1/2 page	4,002	3,902	3,802	3,602	
1/3 page	2,795	2,725	2,655	2,515	
1/4 page	2,171	2,117	2,062	1,954	
1/6 page	1,506	1,468	1,431	1,355	

\*MTOP – More than 1 page, same issue, per extra page

### MARKETPLACE ADVERTISING

Black & White:	1X	3X	6X	12X
1/6 page	\$1,074	\$1,047	\$1,020	\$966
1/12 page	580	566	551	522
1 inch	252	245	239	226

#### Two-Color:

1/6 page	\$1,235	\$1,204	\$1,173	\$1,111
1/12 page	668	651	634	601
1 inch	289	282	275	260

#### Four-Color:

1/6 page	\$1,503	\$1,466	\$1,428	\$1,353
1/12 page	813	792	772	731

### GENERAL RATE POLICY & PAYMENT TERMS

Rates are based on the total number of insertions during a contract year. 3, 6 or 12 insertions of the same or varied sizes earn frequency discounts. For example, one full-page ad and two half-page ads earn the 3-time rate for both sizes of space. Multiple ads in a single issue count as one insertion. Advertiser will receive a 15% discount if display ad is submitted electronically. Production charges are non-commissionable.

It is understood that all orders accepted for space are subject to an approved Customer Information Form. Upon approval, terms of 2% 10-Net 30 Days, allows a 2% discount on display invoices paid within 10 days of invoice date. All invoice payments are due Net 30 days of invoice date. Prepayment at or around Ad Material date is required with order/contract from all advertisers without approved terms. Prepayment on display ads also earns a 2% prepayment discount. We accept payments by ACH, money orders, and checks drawn on U.S. banks in U.S. funds. We can also securely store your Visa, MasterCard, American Express, and Discover card information for automatic payment prior to Ad Material date.

Black & White:	1X	3X	6X	12X	12PG
1 page	\$5,899	\$5,752	\$5,604	\$5,309	\$5,073
MTOP*	5,309	5,176	5,044	4,778	4,566
2/3 page	4,395	4,285	4,175	3,955	
1/2 page	3,480	3,393	3,306	3,132	
1/3 page	2,430	2,370	2,309	2,187	
1/4 page	1,888	1,840	1,793	1,699	
1/6 page	1,310	1,277	1,244	1,179	

### SEND YOUR DIGITAL AD TO US:

Via our website: [adsubmission.kalmbach.com](http://adsubmission.kalmbach.com)

Please send us a printout of your ad to help us ensure accuracy. We compare our output to yours to make sure the elements and version of the ad are correct.

Fax: 262-796-0126

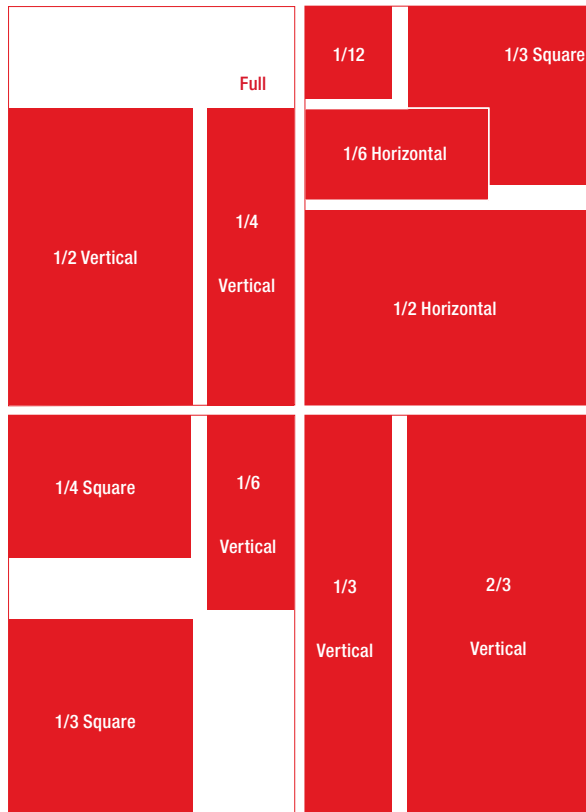
#### Mailing Instructions:

Advertising Department • Astronomy magazine •  
21027 Crossroads Circle • Waukesha, WI 53186-4055

Total average paid and verified circulation for 6 months ended December 2018, is 90,149 as filed with the Alliance for Audited Media, subject to audit. Circulation is obtained by direct-to-publisher renewals, direct mail, space advertising, and distribution to newsstands.



### AD SIZES



### AD MEASUREMENTS

Unit Sizes	Width	Height
Two-page spread**		
Bleed*	16.75"	11.0"
Trimming to	16.5"	10.75"
Live matter*	15.875"	10.125"
Full page	8.5"	11.0"
Bleed*	8.5"	11.0"
Trimming to	8.25"	10.75"
Live matter*	7.625"	10.125"
Full page/Non-bleed	7.0"	9.75"
Covers: Same as above		
2/3 page vertical	4.5"	9.75"
1/2 page horizontal	7.0"	4.75"
1/2 page vertical	4.5"	7.25"
1/3 page vertical	2.125"	9.75"
1/3 page square	4.5"	4.75"
1/4 page square	4.5"	3.5"
1/4 page vertical	2.125"	7.25"
1/6 page vertical	2.125"	4.75"
1/6 page horizontal	4.5"	2.25"
<b>Additional Marketplace Sizes</b>		
1/12 page	2.125"	2.25"
1 inch (1/24 page)	2.125"	1.0"

**Publisher reserves the right to reduce or enlarge any advertisement which does not meet the reserved and specified size and charge for the additional work.**

\*Hold live matter .3125" from the trim. Publisher shall not be subject to any liability whatsoever for bleed ads extending past these margins.

\*\*Keep live material (type) .25" on either side of the gutter for two-page spread ads.

### GENERAL CONDITIONS

Submission of any advertisement, insertion order, space reservation, or position commitment shall constitute acceptance of the following General Conditions:

- As used in this section titled "General Conditions," the term "publisher" shall refer to Kalmbach Media.
- All insertion orders are accepted subject to provisions of our current rate card. Rates are subject to change upon written notice from the publisher. Should a change in rates be made, space reserved may be canceled by the advertiser or its agency at the time the change becomes effective without incurring short-rate charges, provided the advertisements published to the date of cancellation are consistent with the appropriate frequency rate or volume rate. Cancellation of space reservations for any other reason in whole or part by the advertiser will result in an adjustment of the rate (short-rate) based on past and subsequent insertions to reflect actual space used at the earned frequency rate or volume rate.
- Advertisements are accepted upon the representation that advertiser and its agency have the right to publish the contents thereof. In consideration of such publication, advertiser and its agency agree to indemnify and hold publisher harmless against any expense or loss by reason of any claims arising out of publication.
- All contents of advertisements are subject to publisher's approval. Publisher reserves the right to reject or cancel any advertising copy, which at its discretion, is deemed objectionable, misleading, not in the best interests of the reader, or contrary to Federal and State regulations, whether or not the ad had previously been accepted and/or published. Publisher further reserves the right to reject or cancel any advertisement, insertion order, space reservation, or position commitment at any time without giving cause. Publisher reserves the right to insert the word "advertisement" above or below any copy.
- Advertising space reservations are accepted in good faith by verbal or written notification. The absence of written notification following a verbal space reservation does not invalidate that space commitment.
- Positioning of advertisements is at the discretion of the publisher except where a request for a specific preferred position is acknowledged by publisher in writing.
- Publisher is not liable for delays in delivery and/or non-delivery in the event of Act of God, action by any governmental or quasi-governmental entity, fire, flood, insurrection, riot, explosion, embargo, strikes whether legal or illegal, labor or material shortage, transportation interruption of any kind, work slow down, or any condition beyond the control of publisher affecting production or delivery in any manner.
- Publisher shall have the right to hold advertiser and/or its advertising agency jointly and severally liable for such monies as are due and payable to the publisher for advertising which advertiser or its agency ordered and which advertising was published.
- Publisher shall not be liable for any costs or damages if for any reason it fails to publish an advertisement. The publisher's liability for any error will not exceed the cost of the space occupied by the ad with the error.
- Publisher is not responsible for mistakes in production of ad copy not submitted in writing.
- Publisher shall have no liability for errors in key numbers or advertiser index.
- Conditions other than rates are subject to change by publisher without notice.
- No conditions other than those set forth in this rate card shall be binding on the publisher unless specifically agreed to in writing by the publisher. Publisher will not be bound by conditions printed or appearing on insertion orders or copy instructions which conflict with provisions of this rate card.
- Cancellations must be received by the reservation closing date or advertiser will be held responsible for payment of space reserved.
- Kalmbach Media believes that our readers are as important as you — our advertisers. Therefore, we try to handle all reader's advertising complaints promptly and carefully. Your help in expediting this process if a situation occurs is appreciated.

### MECHANICAL SPECIFICATIONS

- Binding: Saddle-stitched
- Complete ad material must be received no later than the ad material due date. **Contract ads will be repeated as run in previous issue unless new material is received by the ad material due date.**
- **B/W and 2-Color Specifications:** Standard two-color ads consist of black and one of the following colors: magenta, cyan, or yellow. Other colors may be available upon request.
- **4/C Process Specifications:** Advertisers should supply a color accurate (SWOP) digital proof (e.g. Epson, Kodak, etc.) otherwise publisher cannot be held responsible for color problems during output or printing. Ads must be prepared using CMYK colors. Pantone and RGB will be converted to the closest CMYK separations.
- **Production Charges:** Standard ad production work, including design, typesetting, photo placement, text alterations, and most other changes, is included in the cost of the ad. Advertisers do not earn the 15% digital discount if publisher performs any production work on an ad. Photography, page alterations, hi-res color scans, color correct proofs of ads, and sending ads to other publications incur charges over and above the included production work stated above. Other work is billed at \$65/hour. Ads supplied electronically may be subject to pre-press charges if publisher services are needed to correct the files.
- **Provide a printout or proof:** To help ensure that accurate output and placement of your digital ad, publisher recommends that you send one of the following proofs when submitting your final ad: JPG, screenshot, fax, or mailed printout. If a proof/printout is not received, publisher cannot be responsible for errors or discrepancies that may occur in the final product. Advertiser may supply a color contract proof to be used in place of a printout.

## WEBSITE RATES

### RATES PER INSERTION

Website	Position	1X	6X	12X
Astronomy.com	Billboard	\$1,025	\$921	\$717
	Billboard/Half Page - Platinum	\$1,500	\$1,346	\$1,050
	Half Page	\$950	\$850	\$665
	Medium Rectangle - Gold	\$609	\$550	\$430
	Medium Rectangle - Silver	\$466	\$420	\$330

## SIZES AND SPECIFICATIONS

### POSITIONS AND SIZES

#### • Billboard, 2 sizes required.

PLEASE NOTE: In order to ensure that your ad is viewable by both desktop users and mobile device users, you must supply both file sizes. If you supply only one billboard file, regardless of size, *your ad will not appear on all devices.*

Desktop ads: 970 pixels wide x 250 pixels tall.

Mobile ads: 320 pixels wide by 50 pixels tall.

#### • Half Page: 300 pixels wide x 600 pixels tall.

#### • Medium Rectangle: 300 pixels wide x 250 pixels tall.

### TECHNICAL INFO

#### FILE FORMATS:

Desktop ads: May be submitted in GIF or JPG with a maximum file size of 50K.

Mobile ads: Must be submitted in JPG, no animation, with a maximum file size of 50K.

#### ANIMATION:

Desktop ads: Limited to 15 seconds with a maximum of four loops.

Mobile ads: No animation allowed.

#### ROTATIONS:

Four advertisers rotate in each position. Ads are sold on a non-exclusive basis. Each advertiser receives 25% of the total page views.

**Your advertising sales representative can supply the latest figures on page views for each site, and answer any other questions about Astronomy.com.**



## EMAIL NEWSLETTER RATES

### RATES PER INSERTION

Email Newsletter	1X	26X	52X
Integrated Sponsorship	\$438	\$267	\$197
Sponsor Banner	\$237	\$213	\$197
Medium Rectangle	\$210	\$194	\$174

## SIZES AND SPECIFICATIONS

### INTEGRATED SPONSORSHIP:

Appears within the content well and lets you promote your company in a editorial environment. A limited number of positions are available.

#### INCLUDES:

**Headline:** In bold type.

**Copy:** Up to 50 words of text in a paragraph form.

**Links:** Up to two links can be included in the ad.

**One image:** 640 pixels wide. Height of image can vary, but must not exceed 400 pixels tall. No animation. File size: 50K or less.

### SPONSOR BANNER:

Appears below the navigation bar and above the lead-off content. One position is available.

#### AD SPECS:

**Dimensions:** 640 pixels wide x 145 pixels tall. • 50K or less. No animation.

### MEDIUM RECTANGLE:

Appears in the body of the newsletter with the editorial content. A limited number of positions available.

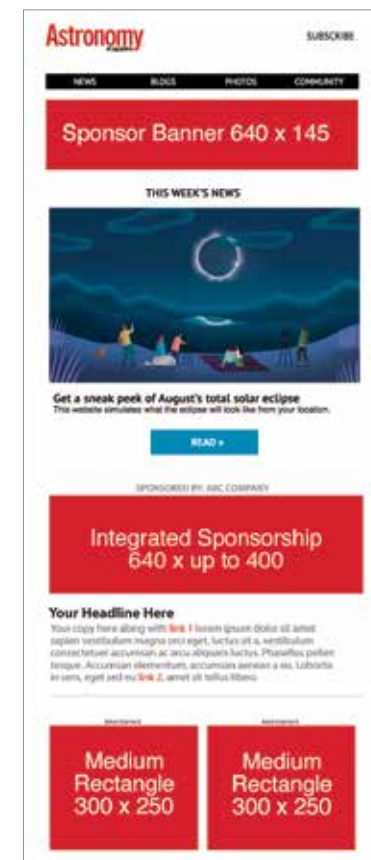
#### AD SPECS:

**Dimensions:** 300 pixels wide x 250 pixels tall. • 50K or less. No animation.

### SPECIAL OPPORTUNITIES:

#### EMAIL BLAST: \$1875

Send your exclusive email message to over 135,000 dedicated opt-ins. Limited availability – Ask your sales representative for details.



## SUBMIT YOUR WEB OR EMAIL NEWSLETTER AD

Via our website: [adsubmission.kalmbach.com](http://adsubmission.kalmbach.com)  
Please provide a URL link along with the file.